

TREASURY DEPARTMENT.—U. S. MARINE-HOSPITAL SERVICE.



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PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General United States Marine-Hospital Service.]

Suspected case of leprosy at Detroit, Mich.

DETROIT, MICH., May 26, 1902.

SIR: I have the honor to inform the Bureau that a suspected case of leprosy was encountered at this port on the 22d instant, in the person of an alien immigrant from Syria.

He gives a history of having landed at Halifax, Nova Scotia, about two months ago, and having remained in Canada until the above date. The diagnosis has been confirmed by the bacteriological findings. He, however, was certified for deportation immediately following the first examination.

Respectfully,

E. K. SPRAGUE,

Passed Assistant Surgeon, U. S. M. H. S.

Inspection service at Eastport, Me.

EASTPORT, ME., May 29, 1902.

SIR: I beg to submit the following report of work done at this inspection station during the week ended Thursday, May 29, 1902:

Vessels inspected.

Date.	Vessel.	From—	For—	Crew.	Passengers.	
					For East-port.	In trans-it.
May 23	Sch. Mary F. Pike.....	Calais, Me.....	New York.....	5		
Do....	Sch. Madagascar.....	do.....	do.....	5		
Do....	Ss. H. F. Eaton.....	do.....	Eastport.....	10	10	
Do....	Ss. Aurora.....	St. Stephen, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	3	5
Do....	Ss. Cumberland.....	St. John, New Brunswick.	Portland and Boston.....	67	9	25
May 24	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	10	
Do....	Ss. State of Maine.....	Boston and Portland.	St. John, New Brunswick..	67	29	30
Do....	Sch. Hiram.....	Calais, Me.....	New York.....	4		
Do....	Sch. Wm. Cobb.....	New York.....	Eastport.....	7		
May 26	Ss. State of Maine ..	St. John, New Brunswick.	Portland and Boston.....	67	13	25
Do....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	7	
May 27	Ss. Cumberland.....	Boston and Portland.	St. John, New Brunswick..	67	32	35
Do....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	5	
May 28	Ss. Cumberland.....	St. John, New Brunswick.	Portland and Boston.....	67	8	15
Do....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	20	
Do....	Ss. Aurora.....	St. John, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	5	8
May 29	Ss. State of Maine.....	Boston and Portland.	St. John, New Brunswick..	67	20	24
Do....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	6	

Respectfully,

EDWARD M. SMALL,

Acting Assistant Surgeon, U. S. M. H. S.

Arrival at Reedy Island quarantine of vessels from Cuban ports.

REEDY ISLAND QUARANTINE,
via Port Penn, Del., May 25, 1902.

SIR: Through the medical officer in command of national quarantine service on Delaware Bay and River, I have the honor to report the arrival at this station of the following vessels: May 18, 1902, steamship *Drummond*, from Santiago de Cuba, with iron ore; no passengers; bill of health signed by Assistant Surgeon Von Ezdorf. May 19, 1902, steamship *Donald*, from Banes, with fruit; no passengers; bill of health signed by Temporary Quarantine Officer Hidalgo. May 20, 1902, schooner *Carrie Strong*, from Cienfuegos, with iron; no passengers; bill of health signed by Acting Asst. Surg. Felix Giralt. May 21, 1902, steamship *Circassian Prince*, from Havana, with molasses; no passengers; bill of health signed by Surgeon Glennan. May 23, 1902, steamship *Vimeira*, from Havana, with sugar; no passengers; bill of health signed by Surgeon Glennan.

Respectfully,

T. F. RICHARDSON,
Assistant Surgeon, U. S. M. H. S., In Command.

REPORTS FROM THE MEXICAN BORDER.

Eagle Pass, Tex., May 26, 1902—Inspection service.—I have the honor to report the following transactions at this port for the week ended May 24, 1902: Number of passenger trains from Mexico inspected, 7; number of passengers on trains from Mexico inspected and passed, 186; number of passengers detained, none; number of trunks from Vera Cruz disinfected, 2.

B. KINSELL,
Acting Assistant Surgeon, U. S. M. H. S.

El Paso, Tex., May 24, 1902—Typhus fever at Cananea.—I have the honor to submit herewith summary of transactions at this station for the week ended May 24, 1902. Inspection Mexican Central Railroad passengers, 144; inspection Rio Grande and Pacific Railroad passengers, 15; inspection of immigrants, 105; disinfection of soiled linen imported for laundry, 482 pieces; disinfection of carload of cattle hides; vaccination of immigrants' children, 9. During the past week mining laborers coming from Mexico report a terrible scourge in the Cananea mining camps.

Disease similar to spotted fever is reported to be killing shop and office employees at the rate of 100 or more per month, and men attacked by the scourge die in less than three days. From what I can gather from different sources, I am of the opinion that the disease is pure typhus fever. Cananea is a mining camp of the Green Consolidated Copper Company. It is situated in the northeastern part of the State of Sonora, Mexico, and reached by a short railway line connecting with the Southern Pacific railway system at Benson, Ariz. This railway crosses the international boundary line at Naco. Cananea is possibly 150 miles from the boundary line and about 300 miles from El Paso, Tex. Like all great mining camps that suddenly spring into existence, where thousands of men gather and where no attention is given to systematic sanitary measures, in time epidemic diseases such as smallpox and typhus fever will eventually make their appearance. Passengers from the Cananea mining camp reach El Paso over the Southern Pacific Railroad.

E. ALEXANDER,
Acting Assistant Surgeon, U. S. M. H. S.

Statistical reports of States and cities of the United States—Yearly and monthly.

COLORADO—Denver.—Month of March, 1902. Estimated population, 150,000. Total number of deaths, 215, including diphtheria, 1; enteric fever, 3; scarlet fever, 4, and 52 from tuberculosis.

Month of April, 1902. Total number of deaths, 202, including diphtheria, 4; enteric fever, 3; scarlet fever, 5; whooping cough, 3, and 51 from tuberculosis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended May 24, 1902, from 91 observers, indicate that inflammation of bowels, erysipelas, and meningitis were more prevalent and pneumonia, intermittent fever, whooping cough, remittent fever, and diphtheria were less prevalent than in the preceding week. Meningitis was reported present at 9, whooping cough at 17, diphtheria at 22, enteric fever at 38, measles at 61, scarlet fever at 74, smallpox at 87, and phthisis pulmonalis at 223 places.

MISSOURI—St. Joseph.—Month of April, 1902. Estimated population, 105,000. Total number of deaths, 77, including diphtheria, 1; measles, 15; whooping cough, 1; smallpox, 2, and 8 from tuberculosis.

St. Louis.—Month of April, 1902. Estimated population, 598,000—white, 560,000; colored, 38,000. Total number of deaths, 991—white, 851; colored, 140—including diphtheria, 7; enteric fever, 14; scarlet fever, 17; whooping cough, 20; smallpox, 4, and 150 from phthisis pulmonalis.

NEW JERSEY—Passaic.—Two weeks ended May 24, 1902. Census population, 27,777. Total number of deaths, 26, including scarlet fever, 1, and 4 from measles.

OHIO—Cleveland.—Month of April, 1902. Estimated population, 390,000. Total number of deaths, 513, including diphtheria, 11; enteric fever, 6; measles, 3; whooping cough, 3; smallpox, 1, and 43 from tuberculosis.

East Liverpool.—Month of April, 1902. Census population, 16,486. Total number of deaths, 25, including measles, 1, and 2 from enteric fever.

NEW YORK—Middletown.—Month of April, 1902. Estimated population, 15,000. Total number of deaths, 21. No deaths from contagious diseases.

Report of immigration at Baltimore for the week ended May 31, 1902.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION.

Port of Baltimore, Md., May 31, 1902.

Number of alien immigrants who arrived at this port during the week ended May 31, 1902; also, names of vessels and ports from which they came. May 26, steamship *Barnstable*, from Port Antonio, with 7 immigrants; May 29, steamship *Dresden*, from Bremen, with 1,526 immigrants. Total, 1,533.

BERTRAM M. STUMP,
Acting Commissioner.

*Report of immigration at Boston for the week ended May 24, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Boston, May 25, 1902.**Number of alien immigrants who arrived at this port during the week ended May 24, 1902;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 18	Steamship Prince George.....	Yarmouth, Nova Scotia.....	161
Do....	Steamship Cambroman.....	Naples, Italy.....	1,140
May 19	Steamship Admiral Dewey.....	Kingston, Jamaica.....	14
May 21	Steamship Admiral Sampson.....	Port Morant, Jamaica.....	1
May 15	Steamship Ethelwold.....	do.....	1
May 22	Steamship Ivernia.....	Liverpool, England.....	1,731
Do...	Steamship Halifax.....	Halifax, Nova Scotia.....	76
Do.....	Steamship Prince George.....	Yarmouth, Nova Scotia.....	106
Do.....	Schooner Emma E. Potter.....	Clementsport, Nova Scotia.....	1
Total.....			3,231

GEORGE B. BILLINGS,
*Commissioner.**Report of immigration at New York for the week ended May 24, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, May 26, 1902.**Number of alien immigrants who arrived at this port during the week ended May 24, 1902;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 18	Steamship Algeria.....	Naples.....	1,072
Do....	Steamship St. Louis.....	Southampton.....	409
Do....	Steamship Statendam.....	Rotterdam.....	883
May 19	Steamship Roma.....	Naples.....	1,276
Do....	Steamship Seriphos.....	Algiers, etc.....	92
Do....	Steamship Cymric.....	Liverpool and Queenstown.....	732
May 20	Steamship Anchoria.....	Glasgow.....	220
Do....	Steamship Barcelona.....	Hamburg.....	155
Do....	Steamship Aller.....	Genoa and Naples.....	925
Do....	Steamship Tennyson.....	Rio de Janeiro.....	114
May 21	Steamship Kensington.....	Antwerp.....	1,042
Do....	Steamship Oceanic.....	Liverpool and Queenstown.....	838
May 22	Steamship Cassel.....	Bremen.....	1,751
Do....	Steamship Lombardia.....	Naples.....	1,169
Do....	Steamship Pennsylvania.....	Hamburg.....	1,973
May 23	Steamship Mongolian.....	Glasgow.....	52
Do....	Steamship Balilla.....	Naples.....	1,067
Do....	Steamship Spartan Prince.....	Genoa and Naples.....	1,047
May 24	Steamship Fuerst Bismarck.....	Hamburg.....	578
Do....	Steamship La Savole.....	Havre.....	567
Do....	Steamship Calabria.....	Naples.....	1,246
Total.....			17,208

WM. WILLIAMS,
Commissioner.

*Report of immigration at Philadelphia for the week ended May 24, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, May 24, 1902.**Number of alien immigrants who arrived at this port during the week ended May 24, 1902;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 20	Steamship Minnesota	London.....	1
May 22	Steamship Pennland.....	Antwerp.....	250
	Total	251

JAS. L. HUGHES,
Acting Commissioner.

Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	UNITED STATES:				
1	Alexandria, Va.....	May 31			
2	Apalachicola, Fla.....	do.			
3	Beaufort, N. C.....	do.			
4	Biscayne Bay, Fla.....	May 17			
		May 24			
5	Boca Grande, Fla:				
	Punta Gorda.....	do.			
6	Punta Rassa.....	do.			
7	Brunswick, Ga.....	do.			
8	Cape Charles, Va.....	do.	Am. ss. Morro Castle.....	May 23	Havana.....
		May 31	Am. ss. Seguranga.....	May 26	Bluefields.....
			Ger. ss. Prinz Eitel Fred- erick.....	May 30	St. Thomas.....
9	Cape Fear, N. C.....	May 24			
10	Cedar Key, Fla.....	do.			
11	Columbia River, Oreg.....	do.			
12	Cumberland Sound, Fla.....	do.			
13	Delaware Break water Quarantine, Lewes, Del.	do.			
14	Dutch Harbor, Alaska.....				
15	Eureka, Cal.....	May 24			
16	Grays Harbor, Wash.....	do.			
17	Gulf Quarantine, Ship Island, Miss.	do.	Nor. bk. Prince Eugene (a)	May 12	Algoa Bay.....
			Am. sc. Susie B. Dantz- ler (a).....	May 15	Progreso.....
			Am. sc. Eleanor.....	May 18	Vera Cruz.....
			Br. ss. Rosefield.....	May 24	Para.....
18	Key West, Fla.....	do.			
19	Los Angeles, Cal.....	do.			
20	Newbern, N. C.....	May 17			
		May 24			
21	Nome, Alaska.....				
22	Pascagoula, Miss.....	May 24			
23	Port Angeles, Wash.....	May 17			
24	Portland, Me.....	May 24			
25	Port Townsend, Wash.....	do.			
26	Reedy Island, Del.....	do.			
	St. Georges Sound, Fla.:				
27	East Pass.....	May 17			
28	West Pass.....	May 24			
29	St. Johns River, Fla.....	do.			
30	San Diego, Cal.....	do.			
31	San Francisco, Cal.....	do.	Am. ss. City of Para.....	May 20	Panama.....
			Am. ss. City of Pueblo.....	May 22	Victoria.....
32	San Pedro, Cal.....	May 19			
33	Santa Rosa, Fla.....	May 27	It. bk. Columbi (a).....	May 13	Montevideo.....
			Br. bk. J. H. Marsters.....	May 15	Belize.....
			Am. sc. Nellie W. Howlett.....	May 23	New York.....
			Am. ss. Pensacola.....	May 20	Tampico.....
34	Savannah, Ga.....	May 24	Swd. bk. Atlantic (a).....	May 16	Santos.....
			Nor. bk. Mercur.....	May 24	East London.....
35	South Atlantic Quar- antine, Blackbeard Island, Ga.....	do.	Nor. bk. D. H. Morris (a).....	May 11	Buenos Ayres.....
36	Tampa Bay, Fla.....	do.			
			Nor. bk. Henrik Ibsen.....	May 19	Buenos Ayres via Barbados.
37	Washington, N. C.....	do.			

a Previously reported.

and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions.....	
2				No report.....	
3				do.....	
4				No transactions.....	
				do.....	
5				1 vessel boarded and passed.....	1
6				No report.....	
7					1
8	Newport News.....	Passed on medical officers' certificate.	May 23		9
	do.....	do.....	May 26		7
	do.....	do.....	May 30		
9				No transactions.....	
10				No report.....	
11				No transactions.....	
12					13
13					2
14				No report.....	
15				do.....	
16					1
17	Ship Island.....	Disinfected and held.....		1 death of beriberi in quarantine; 1 case in hospital.	2
	Moss Point.....	do.....	May 20		
	Pascagoula.....	do.....			
	Ship Island.....	do.....		1 case enteric fever in hospital.	
18					11
19					1
20				No transactions.....	
				do.....	
21				No report.....	
22				No transactions.....	
23				do.....	
24				do.....	
25				Glandular region of Br. ss. Glenogle and Jap. si. Shinano Maru, from Hongkong, examined.	8
26					25
27				No report.....	
28				No transactions.....	
29				6 vessels passed without inspection.	9
30					2
31	San Francisco.....	Disinfected.....	May 22	1 death from yellow fever en route; vessel disinfected; mosquitoes destroyed; baggage of crew and passengers disinfected; entire personnel held three days after disinfection. 5 cases measles en route on U. S. transport Buford from Manila.	11
	do.....	Boarded and passed.....	do.....		
32				No transactions.....	
33	Pensacola.....	Ballast discharged; vessel disinfected.	May 25	3 vessels spoken and passed.	1
	do.....	do.....	May 23		
	do.....	Boarded and passed.....	do.....		
	do.....	Held to complete five days	May 21		
34	Savannah.....	Disinfected and held.....		Ballast removed.....	4
	do.....	Fumigated to kill rats.....			
35	Sapelo.....	Disinfected and held.....	May 22	Stegomyia and culex on board.	
36	Port Tampa.....	Ballast discharged; vessel disinfected.	May 24		4
37				No report.....	

Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	CUBA:				
38	Baracoa.....	May 10
39	Batabano.....	May 17
40	Caibarien.....	May 24
41	Cardenas.....	do.....
42	Casilda.....	do.....
43	Cienfuegos.....	May 20
44	Dalquiri.....	May 17
45	Gibara.....	May 10
46	Guantanamo.....	May 17
47	Havana.....	do.....	Nor. ss. Europa..... Am. ss. Excelsior.....	May 12 May 15	Mobile..... Matanzas.....
48	Isabela de Sagua.....	May 24
49	Manzanillo.....	May 17
50	Matanzas.....	May 24
51	Nuevitas.....	May 17
52	Puerto Padre.....	do.....
53	Santa Cruz.....	do.....
54	Santiago de Cuba.....	do.....
	HAWAII:				
55	Hilo.....	May 3
56	Honolulu.....	May 10
57	Kahului.....	do.....
58	Kihel, Maui.....	do.....
59	Koloa, Kauai.....	do.....
60	Lahaina.....	do.....
	PHILIPPINES:				
61	Cebu.....	Mar. 15
62	Iloilo.....	Mar. 22
63	Manila.....	do.....
	PORTO RICO:				
64	Ponce.....	May 17	Fr. ss. St. Dominique.....	May 17	Port au Prince.. ..
65	San Juan.....	do.....
	Subports—				
66	Aguadilla.....	do.....
67	Arecibo.....	do.....
68	Arroyo.....	do.....
69	Fajardo.....	do.....
70	Humacao.....	do.....
71	Mayaguez.....	do.....	Fr. ss. St. Dominique.....	May 16	Port au Prince.....

and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
38				No report.....	
39				No report.....	5
40				do.....	
41				do.....	
42				1 vessel passed without inspection.	3
43				No report.....	
44				do.....	
45				do.....	
46	Mobile.....	Disinfected.....	May 16		
47	New Orleans.....	do.....	May 17		37
48				No report.....	
49				do.....	
50				do.....	
51				do.....	
52				do.....	
53				do.....	
54				do.....	
55					1
56				Glandular region of crew and steerage on Am. ss. Ventura and Br. ss. Miowera from Sydney examined.	11
57					1
58				No transactions.....	
59				do.....	1
60				do.....	
61				No report.....	
62				1 case of smallpox among troops on Am. ss. Indianapolis from Capiz.	11
63				No report.....	
64	Fort de France....	Held in quarantine	May 17	Disinfected 22 pieces of baggage and 1 sack of mail.	3
65					3
66					1
67					1
68				No transactions.....	
69				do.....	
70					1
71	Fort de France....	Held in quarantine	May 16		

Reports from State and

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md.....	May 31
2	Bangor, Me.....	do.....
3	Boston, Mass.....	do.....
4	Charleston, S. C.....	May 24
5	Elizabeth River, Va.....	May 31
6	Galveston, Tex.....	May 24	Br. ss. Electrician.....	May 19	Cartagena.....
			Br. ss. Ivan.....	May 20	Liverpool.....
7	Gardiner, Oreg.....	May 17
8	Marcus Hook, Pa.....	May 31
9	Mobile Bay, Ala.....	May 24	May 24
10	New Bedford, Mass.....
11	New Orleans, La.....	May 17	Fr. ss. Caravellas (a).....	May 9	Santos via Rio de Janeiro.
			Nor. ss. Atlas (a).....	May 10	Santa Anna, Mexico.
			Am. ss. Breakwater.....	May 12	Puerto Cortez.....
			Am. ss. Chalmette.....	do.....	Havana.....
			Br. ss. Olympia.....	May 13	Port Limon.....
			Nor. ss. Alabama.....	do.....	Bocas del Toro.....
			Br. ss. Arlington.....	May 15	Santos.....
			Nor. ss. John Wilson.....	May 16	Bluefields.....
			Dan. ss. Venus.....	May 17	Port Limon.....
			Sp. ss. Santanderino.....	do.....	Cuban ports.....
			Nor. ss. Hugin.....	do.....	Mexican ports.....
12	Newport News, Va.....
13	Newport, R. I.....
14	New York, N. Y.....
15	Pass Cavallo, Tex.....
16	Port Royal, S. C.....
17	Providence, R. I.....
18	Quintana, Tex.....
19	Sabine Pass, Tex.....
20	St. Helena Entrance, S. C.....

municipal quarantine stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1	No report.....
2	do.....
3	do.....
4	2
5	No report.....
6	Galveston.....	Fumigated and held.....	May 21	2
7	do.....	do.....	May 20
8	No report.....
9	do.....
10
11	New Orleans.....	Disinfected and held.....	May 11
.....	do.....	do.....	do.....
.....	do.....	Disinfected.....	May 12
.....	do.....	do.....	do.....
.....	do.....	do.....	May 13
.....	do.....	Disinfected and held.....	do.....
.....	do.....	Disinfected.....	May 16
.....	do.....	do.....	May 17
.....	do.....	Disinfected and held.....
.....	do.....	do.....	No report.....
12	do.....
13	do.....
14	do.....
15	do.....
16	do.....
17	do.....
18	do.....
19	do.....
20	do.....

*Smallpox in the United States as reported to the Surgeon-General United States
Marine-Hospital Service, December 28, 1901, to June 6, 1902.*

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham.....	Dec. 1-Mar. 31	29	
Mobile.....	Apr. 8-May 10	23	
Total for State.....		52	
Total for State, same period, 1901.		45	3	
Alaska:				
Hooniah.....	Dec. 8-Dec. 31	8	
Arizona:				
Naco.....	Feb. 23.....	12	
Yuma.....	Jan. 1.....	100	Estimated.
Total for Territory.....		112	
Arkansas:				
Mississippi County.....	Feb. 18.....	100	
Pulaski County (including Little Rock).	Jan. 12-Jan. 22	50	1	
Total for State.....		50	101	
Total for State, same period, 1901.		10	
California:				
Humboldt County.....	Feb. 2.....	30	
Los Angeles.....	Dec. 29-May 17	86	
Oakland.....	Jan. 1-Apr. 30	26	
Sacramento.....	Feb. 2-Mar. 15	7	
San Diego.....	Jan. 23-Apr. 1	7	
San Francisco.....	Dec. 16-May 25	172	One case on ss, Spokane.
Stockton.....	Jan. 1-Apr. 30	44	
Total for State.....		372	
Total for State, same period, 1901.		104	
Colorado:				
Arapahoe County (Denver)....	Dec. 1-May 17	85	
Archuleta County.....	Dec. 1-Apr. 30	27	
Baca County.....	Mar. 1-Apr. 30	4	
Bent County.....	Feb. 1-Apr. 30	22	
Boulder County.....	Feb. 1-Apr. 30	27	
Chaffee County.....	Dec. 1-Apr. 30	2	
Clear Creek County.....	Dec. 1-Feb. 28	4	
Delta County.....	Dec. 1-Mar. 31	66	
El Paso County.....	Dec. 1-Apr. 30	78	
Fremont County.....	do.....	11	
Gilpin County.....	do.....	54	
Grand County.....	Feb. 1-Mar. 31	19	
Gunnison County.....	Dec. 1-Jan. 31	14	
Hinsdale County.....	do.....	35	
Huerfano County.....	Dec. 1-Apr. 30	6	
Jefferson County.....	Dec. 1-Jan. 31	10	
Kiowa County.....	Apr. 1-Apr. 30	1	
La Plata County.....	Dec. 1-Mar. 31	7	
Larimer County.....	Mar. 1-Apr. 30	103	
Las Animas County.....	Dec. 1-Apr. 30	38	
Logan County.....	do.....	35	
Mesa County.....	Dec. 1-Mar. 31	77	
Mineral County.....	Dec. 1-Jan. 31	1	
Montrose County.....	Dec. 1-Apr. 30	35	
Morgan County.....	Dec. 1-Mar. 31	2	
Otero County.....	Dec. 1-Apr. 30	69	
Ouray County.....	Mar. 1-Mar. 31	10	
Phillips County.....	Mar. 1-Apr. 30	10	
Pitkin County.....	Dec. 1-Mar. 31	3	
Prowers County.....	Feb. 1-Apr. 30	3	
Pueblo County.....	Dec. 1-Apr. 30	23	
Rio Blanco County.....	Feb. 1-Feb. 28	11	
Rio Grande County.....	Dec. 1-Mar. 31	14	
San Juan County.....	Feb. 1-Mar. 31	3	
San Miguel County.....	Dec. 1-Apr. 30	25	
Teller County.....	do.....	13	
Washington County.....	Mar. 1-Mar. 31	8	
Weld County.....	Feb. 1-Apr. 30	98	
Total for State.....		1,053	
Total for State, same period, 1901.		2,197	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
District of Columbia:				
Washington.....	Jan. 12-May 17	9		
Total for District, same period, 1901.		51		
Florida:				
Escambia County.....	Mar. 4.....	1		One on sc. M. S. Patten.
Jacksonville.....	Mar. 9-May 17	28		
Key West.....	Feb. 5.....	1		
Total for State.....		30		
Total for State, same period, 1901.		134	1	
Georgia:				
Augusta.....	Mar. 1-Mar. 31		1	On sc. L. C. Anderson.
South Atlantic Quarantine.....	Mar. 12.....	1		
Total for State.....		1	1	
Total for State, same period, 1901.		327	3	
Illinois:				
Belleville.....	Jan. 12-May 17	40		
Cairo.....	Mar. 30-Apr. 12	9		
Chicago.....	Jan. 5-May 31	186	3	
Danville.....	Jan. 19-Apr. 5	22		
Freeport.....	Jan. 5-May 17	12		
Galesburg.....	Jan. 12-May 17	28		
Joliet.....	Mar. 2-Mar. 22	9		
Peoria.....	Dec. 1-Apr. 30	93		
Springfield.....	Dec. 1-Jan. 31	314		
Total for State.....		713	3	
Total for State, same period, 1901.		392	3	
Indiana:				
Adams County.....	Jan. 1-Feb. 28	65		
Allen County.....	Feb. 1-Feb. 28	5		
Cass County.....	do.....	5	1	
Clark County.....	do.....	13		
Clay County.....	do.....	3		
Davies County.....	Jan. 1-Jan. 31	15		
Dearborn County.....	do.....	11		
Decatur County.....	do.....	2		
DeKalb County.....	do.....	1		
Delaware County (Muncie) ..	Jan. 1-Apr. 30	11	1	
Dubois County.....	Feb. 1-Feb. 28	17		
Elkhart County (Elkhart).....	Feb. 2-Mar. 15	37		
Floyd County.....	Jan. 1-Jan. 31	9		
Fountain County.....	Jan. 1-Feb. 28	52		
Gibson County.....	do.....	31		
Grant County.....	do.....	16		
Greene County.....	do.....	26		
Hancock County.....	Feb. 1-Feb. 28	15		
Howard County.....	Jan. 31-Feb. 28	11	1	
Huntington County.....	Feb. 1-Feb. 28	17		
Jackson County.....	do.....	2		
Jay County.....	do.....	5		
Jefferson County.....	Jan. 1-Jan. 31	17	1	
Knox County.....	Jan. 1-Feb. 28	66	1	
Lagrange County.....	Feb. 1-Feb. 28	2		
Laporte County (Michigan City).....	Feb. 17-Mar. 17	2		
Marion County (Indianapolis) ..	Jan. 1-May 17	236	1	
Marshall County.....	Jan. 1-Jan. 31	7		
Martin County.....	Feb. 1-Feb. 28	6		
Monroe County.....	Jan. 1-Jan. 31	8		
Montgomery County (Crawfordsville).....	Jan. 1-Mar. 8	60		
Morgan County.....	Jan. 1-Feb. 28	30		
Noble County.....	Feb. 1-Feb. 28	24		
Owen County.....	Jan. 1-Feb. 28	20		
Perry County.....	do.....	37	1	
Pike County.....	Jan. 1-Jan. 31	7		
Porter County.....	Feb. 1-Feb. 28	1		
Pulaski County.....	do.....	8	1	
St. Joseph County (South Bend).....	Apr. 27-May 17	7		
Shelby County.....	Jan. 1-Feb. 28	15	1	
Spencer County.....	do.....	100		
Union County.....	do.....	3		
Vanderburg County (Evansville).....	Dec. 15-May 10	103		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Vigo County (Terre Haute)....	Jan. 1-May 17	31	Smallpox was present in 55 counties during the month of April; 878 cases and 6 deaths having been reported.
Wabash County.....	Jan. 1-Feb. 28	12	
Warrick County.....	do	78	1	
Wayne County.....	do	48	
Wells County.....	do	14	
Total for State.....		1,311	10	
Total for State, same period, 1901.		834	5	
Indian Territory:				
Duncan.....	Feb. 4.....	6	
Total for Territory, same period, 1901.		266	
Iowa:				
Adair County.....	Jan. 1-Jan. 31	Present.
Allamakee County.....	Jan. 1-Mar. 31	Do.
Benton County.....	Jan. 1-Jan. 31	Do.
Black Hawk County.....	Feb. 1-Mar. 31	Do.
Boone County.....	Jan. 1-Mar. 31	Do.
Buena Vista County.....	do	Do.
Carroll County.....	Feb. 1-Mar. 31	Do.
Cerro Gordo County.....	do	Do.
Cherokee County.....	Jan. 1-Mar. 31	Do.
Chicasaw County.....	Nov. 1-Jan. 31	Do.
Clarke County.....	Feb. 1-Mar. 31	Do.
Clayton County.....	Nov. 1-Mar. 31	Do.
Clinton County.....	do	19	
Crawford County.....	Nov. 1-Feb. 15	Do.
Dallas County.....	Nov. 1-Mar. 31	Do.
Davis County.....	Nov. 1-Feb. 15	Do.
Decatur County.....	Feb. 1-Mar. 31	Do.
Delaware County.....	Nov. 1-Feb. 15	Do.
Des Moines County.....	Nov. 1-Mar. 31	Do.
Dickinson County.....	Feb. 1-Mar. 31	Do.
Dubuque County.....	Nov. 1-Mar. 31	Do.
Floyd County.....	Nov. 1-Feb. 15	Do.
Fremont County.....	do	Do.
Greene County.....	Feb. 1-Mar. 31	Do.
Grundy County.....	do	Do.
Guthrie County.....	do	Do.
Hardin County.....	Jan. 1-Jan. 31	Do.
Harrison County.....	Feb. 1-Mar. 31	Do.
Henry County.....	do	Do.
Ida County.....	Nov. 1-Mar. 31	Do.
Iowa County.....	Nov. 1-Jan. 31	Do.
Jasper County.....	Jan. 1-Mar. 31	Do.
Jefferson County.....	Feb. 1-Mar. 31	Do.
Johnson County.....	do	Do.
Kossuth County.....	do	Do.
Lee County.....	do	Do.
Linn County.....	Jan. 1-Jan. 31	Do.
Louisa County.....	Nov. 1-Mar. 31	Do.
Lucas County.....	Jan. 1-Jan. 31	Do.
Lyon County.....	Jan. 1-Mar. 31	Do.
Madison County.....	Feb. 1-Mar. 31	Do.
Mahaska County.....	Jan. 1-Jan. 31	Do.
Marshall County.....	Feb. 1-Mar. 31	Do.
Mills County.....	do	Do.
Monroe County.....	Jan. 1-Mar. 31	Do.
Montgomery County.....	Jan. 1-Jan. 31	Do.
O'Brien County.....	Nov. 1-Mar. 31	Do.
Osceola County.....	Jan. 1-Jan. 31	Do.
Palo Alto County.....	Feb. 1-Mar. 31	Do.
Plymouth County.....	Jan. 1-Jan. 31	Do.
Pocahontas County.....	Jan. 1-Mar. 31	Do.
Polk County.....	Nov. 1-Mar. 31	Do.
Pottawattamie County.....	Feb. 1-Mar. 31	Do.
Poweshiek County.....	Jan. 1-Jan. 31	Do.
Ringgold County.....	Feb. 1-Mar. 31	Do.
Sac County.....	Nov. 1-Mar. 31	Do.
Scott County (Davenport).....	Dec. 1-Mar. 31	69	
Shelby County.....	Feb. 1-Mar. 31	Do.
Sioux County.....	do	Do.
Taylor County.....	Jan. 1-Mar. 31	Do.
Union County.....	Feb. 1-Mar. 31	Do.
Wapello County (Ottumwa)....	Dec. 1-Apr. 20	166	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Iowa—Continued.				
Warren County.....	Nov. 1-Mar. 31	Present.
Washington County.....	Jan. 1-Mar. 31	Do.
Winnebago County.....	Feb. 1-Mar. 31	Do.
Winneshek County.....do.....	Do.
Woodbury County.....	Jan. 1-Mar. 31	Do.
Worth County.....	Jan. 1-Jan. 31	Do.
Total for State.....		254		
Total for State, same period, 1901.		34		
Kansas:				
Allen County.....	Dec. 1-Mar. 31	40	
Anderson County.....	Dec. 1-Apr. 30	33	
Atchison County.....	Mar. 1-Mar. 31	19	
Barton County.....	Apr. 1-Apr. 30	5	
Brown County.....	Dec. 1-Mar. 31	4	
Chautauqua County.....	Dec. 1-Feb. 28	72	
Cherokee County.....	Dec. 1-Mar. 31	28	
Clay County.....	Dec. 1-Feb. 28	5	
Cloud County.....	Dec. 1-Apr. 30	121	
Cowley County.....	Dec. 1-Mar. 31	13	
Crawford County (Girard).....	Dec. 1-Apr. 30	215	1	
Decatur County.....	Dec. 1-Feb. 28	40	
Dickinson County.....	Feb. 1-Mar. 31	20	
Douglas County.....	Apr. 1-Apr. 30	2	
Ellsworth County.....	Feb. 1-Feb. 28	6	
Ford County.....	Apr. 1-Apr. 30	9	
Greenwood County.....	Dec. 1-Mar. 31	20	
Hamilton County.....	Feb. 1-Feb. 28	71	
Harper County.....	Feb. 1-Mar. 13	5	
Jackson County.....	Feb. 1-Apr. 30	12	
Jefferson County.....	Dec. 1-Mar. 31	10	
Jewell County.....	Dec. 1-Feb. 28	8	
Kingman County.....	Dec. 1-Apr. 30	8	
Labette County.....do.....	19	
Leavenworth County.....	Dec. 1-Feb. 28	1	
Lincoln County.....do.....	7	
McPherson County.....	Feb. 1-Apr. 30	57	
Marion County.....	Dec. 1-Apr. 30	27	
Marshall County.....do.....	82	
Miami County.....	Feb. 1-Mar. 31	2	
Mitchell County (Beloit).....	Dec. 1-Mar. 31	82	
Montgomery County (Coffey- ville).....	Dec. 1-Feb. 28	22	
Morris County.....	Feb. 1-Mar. 31	Number not known.
Nemaha County.....	Dec. 1-Mar. 31	4	
Norton County.....	Mar. 1-Apr. 30	9	
Osborne County.....	Feb. 1-Mar. 31	2	
Ottawa County.....	Dec. 1-Mar. 31	35	
Phillips County.....do.....	39	1	
Pottawatomie County.....	Apr. 1-Apr. 30	4	
Pratt County.....	Mar. 1-Mar. 31	10	
Rawlins County.....	Feb. 1-Mar. 31	8	
Reno County.....	Dec. 1-Apr. 30	8	
Russell County.....	Mar. 1-Apr. 30	3	
Saline County (Salina).....	Dec. 1-Apr. 20	85	
Sedgwick County (Wichita).....	Dec. 1-May 17	65	
Shawnee County.....	Dec. 1-Apr. 30	124	
Sheridan County.....	Apr. 1-Apr. 30	4	
Smith County.....	Dec. 1-Apr. 30	67	
Stafford County.....	Dec. 1-Mar. 31	41	1	
Sumner County.....	Dec. 1-Apr. 30	133	
Thomas County.....	Feb. 1-Mar. 31	2	
Washington County.....	Dec. 1-Apr. 30	166	
Woodson County.....	Apr. 1-Apr. 30	2	
Total for State.....		1,876	3	
Total for State, same period, 1901.		4,039	20	
Kentucky:				
Covington.....	Jan. 27-May 24	158	
Lexington.....	Dec. 22-May 17	24	2	
Louisville.....	Jan. 1-Apr. 28	85	1	
Total for State.....		267	3	
Total for State, same period, 1901.		73	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Louisiana:				
Caddo County (including Shreveport).....	Jan. 1-Mar. 29	216	Ten cases imported.
Catahoula County.....	Feb. 1-Mar. 1	1	
Natchitoches County.....	Feb. 1-Mar. 1	19	1	
Orleans County (including New Orleans).....	Dec. 15-May 17	23	4	
Sabine County.....	Feb. 1-Mar. 1	6	
St. James County.....	Mar. 1-Mar. 29	1	
Union County.....	Feb. 1-Mar. 1	1	
Total for State.....		267	5	
Total for State, same period, 1901.....		240	50	
Maine:				
Durham.....	Feb. 15-Mar. 22	13	
Freeport.....	Feb. 19-Mar. 22	1	
Hollis.....	Mar. 7-Mar. 22	1	
Portland.....	Dec. 22-May 10	38	6	
Saco.....	Mar. 7-Mar. 22	6	
Sanford.....	Mar. 15-Mar. 19	1	
Scarboro.....	Mar. 7-Mar. 22	1	
South Portland.....do.....	4	
Washington Mills.....	To Mar. 22.....	1	
Westbrook.....do.....	1	
Total for State.....		67	6	
Total for State, same period, 1901.....		1	
Maryland:				
Baltimore.....	Feb. 2-May 10	25	3	
Cumberland.....	Mar. 1-Apr. 30	11	1	
Total for State.....		36	4	
Total for State, same period, 1901.....		33	
Massachusetts:				
Blackstone.....	Jan. 2-Jan. 8	2	
Boston.....	Dec. 22-May 31	686	114	
Brockton.....	Dec. 29-May 17	15	
Brookline.....	Jan. 12-May 3	4	1	
Cambridge.....	Dec. 15-May 10	59	7	
Chelsea.....	Dec. 29-May 17	4	
Chicopee.....	Jan. 19-Mar. 15	3	
Clinton.....	Jan. 5-Jan. 11	3	
Everett.....	Jan. 26-May 17	21	2	
Fall River.....	Dec. 22-May 24	8	1	
Pitchburg.....	Mar. 16-Apr. 26	4	
Haverhill.....	Feb. 23-Mar. 15	2	
Holyoke.....	Jan. 12-Apr. 30	49	
Lawrence.....	Mar. 2-Apr. 12	8	2	
Lowell.....	Dec. 29-May 21	20	
Malden.....	Dec. 15-May 24	29	1	
Marlboro.....	Jan. 5-Jan. 11	1	
Medford.....	Dec. 22-Apr. 26	7	
Melrose.....	Mar. 5-May 24	4	2	
New Bedford.....	Jan. 17-Apr. 26	28	
Newburyport.....	Jan. 26-Mar. 22	9	1	
Newton.....	Dec. 29-May 31	12	
North Adams.....	Feb. 23-Mar. 1	1	
Northampton.....	May 4-May 10	1	
Quincy.....	Dec. 22-Apr. 12	11	4	
Somerville.....	Dec. 29-May 24	27	3	
Taunton.....	Feb. 9-Mar. 29	4	
Waltham.....	Jan. 26-Mar. 1	3	1	
Weymouth.....	Jan. 5-Mar. 1	5	1	
Woburn.....	Dec. 15-Feb. 1	2	1	
Total for State.....		1,032	141	
Total for State, same period, 1901.....		43	2	
Michigan:				
Alcona County.....	Mar. 15-Mar. 22	Present.
Alger County.....	Mar. 22-Apr. 5	Do.
Allegan County.....	Feb. 15-May 24	Do.
Alpena County.....	Feb. 22-May 24	Do.
Antrim County.....	Feb. 15-May 10	Do.
Arenac County.....	Feb. 15-May 3	Do.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Barry County.....	Feb. 15-May 24	Present.
Bay County (Bay City).....	Jan. 25-May 21	15	
Benzie County.....	Feb. 22-Mar. 1	Do.
Berrien County.....	Feb. 22-Apr. 5	Do.
Branch County.....	Feb. 15-May 3	Do.
Calhoun County.....	Apr. 19-May 24	Do.
Cass County.....	Feb. 15-May 24	Do.
Charlevoix County.....	Feb. 15-Apr. 5	Do.
Cheboygan County.....	Feb. 15-May 24	1	
Chippewa County (Sault Ste. Marie).	Mar. 15-May 24	1	
Clare County.....	Feb. 15-Apr. 5	Do.
Clinton County.....	Feb. 15-May 10	Do.
Crawford County.....	Feb. 15-Apr. 26	Do.
Delta County.....	Feb. 15-May 24	Do.
Dickinson County.....	Feb. 15-May 24	Do.
Eaton County.....	Mar. 29-May 24	Do.
Emmet County.....	Feb. 15-May 17	Do.
Genesee County.....	Feb. 15-May 24	Do.
Gladwin County.....	Feb. 15-May 3	Do.
Gogebie County.....	do.....	Do.
Grand Traverse County.....	Feb. 1-May 17	Do.
Gratiot County.....	Feb. 15-May 10	1	
Hillsdale County.....	May 17-May 24	Do.
Houghton County.....	Feb. 15-May 24	Do.
Huron County.....	Mar. 15-May 24	Do.
Ingham County.....	Feb. 15-May 24	Do.
Ionia County.....	do.....	1	
Iosco County.....	Mar. 22-May 24	Do.
Iron County.....	Feb. 15-May 10	Do.
Isabella County.....	Feb. 15-May 24	Do.
Jackson County.....	Apr. 26-May 24	Do.
Kalamazoo County.....	Feb. 22-May 24	Do.
Kalkaska County.....	Feb. 15-May 3	Do.
Kent County (Grand Rapids).....	Dec. 15-May 24	24	1	
Lake County.....	Feb. 22-May 24	Do.
Lapeer County.....	do.....	Do.
Leelanaw County.....	Feb. 15-Feb. 22	Do.
Lenawee County.....	Mar. 29-May 24	Do.
Livingston County.....	Mar. 15-May 3	Do.
Luce County.....	Apr. 26-May 24	Do.
Mackinac County.....	Feb. 15-May 24	Do.
Macomb County.....	Feb. 15-May 17	Do.
Manistee County.....	do.....	Do.
Marquette County.....	Feb. 15-May 3	Do.
Mason County (Ludington).....	Jan. 27-May 24	142	1	
Mecosta County.....	Feb. 15-May 24	Do.
Menominee County.....	Feb. 22-May 24	Do.
Midland County.....	Feb. 22-May 17	Do.
Missaukee County.....	Feb. 22-May 24	Do.
Montcalm County.....	Feb. 22-May 24	1	
Montmorency County.....	Feb. 22-May 3	Do.
Muskegon County.....	Feb. 22-May 17	Do.
Newaygo County.....	Feb. 22-May 24	1	
Oakland County.....	Feb. 15-May 17	Do.
Oceana County.....	Feb. 15-Apr. 5	Do.
Ogemaw County.....	Feb. 15-May 24	Do.
Ontonagon County.....	Apr. 19-May 24	Do.
Oscoda County.....	Feb. 15-May 24	1	
Osego County.....	Feb. 15-May 21	Do.
Ottawa County.....	Feb. 15-May 10	Do.
Presque Isle County.....	Feb. 15-Apr. 5	1	
Saginaw County.....	Feb. 15-May 24	1	
St. Clair County.....	Feb. 22-Apr. 26	Do.
St. Joseph County (Three Rivers).	Mar. 22-May 17	Do.
Sanilac County.....	Feb. 22-May 24	Do.
Schoolcraft County.....	Apr. 19-May 24	Do.
Shiawassee County.....	Feb. 22-May 17	Do.
Tuscola County.....	Feb. 22-May 24	Do.
Van Buren County.....	Feb. 22-Apr. 26	Do.
Washtenaw County (Ann Arbor).	Jan. 12-Mar. 29	3	
Wayne County (Detroit).....	Jan. 5-May 24	129	1	
Wexford County.....	Feb. 15-May 24	Do.
Total for State.....		314	11	Smallpox was reported present in 46 counties; at 87 places during the week ended May 24, 1902.
Total for State, same period, 1901.		254	3	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota:				
Aitkin County.....	Dec. 3-Apr. 28	21	
Anoka County.....	Dec. 3-Apr. 14	48	
Becker County.....	Dec. 3-May 12	85	
Beltrami County.....do.....	250	1	
Benton County.....	Dec. 3-Apr. 28	10	
Big Stone County.....do.....	70	2	
Blue Earth County.....	Dec. 3-May 12	152	
Brown County.....	Jan. 27-May 5	10	
Carver County.....	Dec. 3-May 12	388	4	
Cass County.....do.....	73	
Chippewa County.....do.....	12	
Chisago County.....	Dec. 3-Mar. 24	7	
Clay County.....	Dec. 3-May 12	250	
Cottonwood County.....	Dec. 3-May 5	36	
Crow Wing County.....	Dec. 3-May 12	139	2	
Dakota County.....do.....	50	
Dodge County.....	Dec. 3-Mar. 5	12	
Douglas County.....	Jan. 27-Apr. 7	19	1	
Faribault County.....	Dec. 3-May 5	97	
Fillmore County.....	Jan. 20-Apr. 28	30	
Freeborn County.....	Jan. 20-May 12	17	
Goodhue County.....	Dec. 3-May 12	146	
Grant County.....	Feb. 17-May 5	5	
Hennepin County (Minneapolis).	Dec. 3-May 12	490	1	
Houston County.....	Dec. 3-May 5	97	1	
Hubbard County.....	Dec. 3-May 12	187	
Isanti County.....	Dec. 3-Apr. 7	23	1	
Itasca County.....	Dec. 3-May 5	52	
Jackson County.....	Dec. 3-May 12	181	
Kanabec County.....	Dec. 3-Apr. 7	107	
Kandiyohi County.....do.....	37	
Kittson County.....	Dec. 3-Mar. 17	65	
Lac qui Parle County.....	Dec. 3-May 12	11	
Lake County.....	Feb. 17-Apr. 14	6	
Le Sueur County.....	Dec. 3-Apr. 21	18	
Lincoln County.....	Dec. 3-Apr. 28	151	1	
Lyon County.....	Dec. 3-Apr. 21	10	
McLeod County.....	Dec. 3-May 12	14	
Marshall County.....	Dec. 3-May 5	124	
Martin County.....do.....	103	
Meeker County.....	Dec. 3-May 12	64	
Millelacs County.....	Dec. 3-May 5	95	
Morrison County.....	Dec. 3-May 12	77	
Mower County.....	Dec. 3-Apr. 28	101	1	
Murray County.....	Dec. 3-Mar. 5	6	
Nicollet County.....	Jan. 27-May 12	14	
Nobles County.....	Jan. 1-Apr. 21	42	
Norman County.....	Dec. 3-May 5	103	2	
Olmsted County (Rochester)...	Dec. 3-Mar. 24	49	
Ottertail County.....	Dec. 3-May 12	155	1	
Pine County.....	Dec. 3-Feb. 24	5	
Pipestone County.....	Dec. 3-May 12	245	1	
Polk County.....do.....	173	
Pope County.....	Dec. 3-Apr. 7	79	1	
Ramsey County (St. Paul).....	Dec. 3-May 12	97	
Red Lake County.....do.....	173	5	
Redwood County.....do.....	109	1	
Renville County.....	Dec. 3-May 5	39	
Rice County.....	Dec. 3-May 12	64	
Rock County.....do.....	77	
Roseau County.....	Jan. 20-Apr. 21	13	
St. Louis County (Duluth).....	Dec. 3-May 12	223	1	
Scott County.....do.....	61	
Sherburne County.....do.....	18	2	
Sibley County.....	Dec. 3-Apr. 7	10	
Stearns County.....	Dec. 3-Apr. 28	164	
Steele County.....	Dec. 3-May 12	32	
Stevens County.....	Dec. 3-Apr. 28	19	
Swift County.....	Jan. 27-May 5	12	
Todd County.....	Dec. 3-May 12	147	
Traverse County.....	Dec. 3-Apr. 28	97	
Wabasha County.....	Dec. 3-May 12	28	
Wadena County.....	Dec. 3-Apr. 12	36	
Waseca County.....	Jan. 27-Apr. 28	80	
Washington County.....	Dec. 3-May 5	59	
Watsonwan County.....	Dec. 3-May 12	15	
Wilkin County.....	Dec. 3-May 5	10	
Winona County (Winona).....do.....	43	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
Wright County.....	Dec. 3-May 12	69		
Yellow Medicine County.....	Dec. 3-May 5	29		
Total for State.....		6,535	29	
Total for State, same period, 1901.		4,232	3	
Missouri:				
Carthage.....	Jan. 1-May 1	89		
Hannibal.....	Jan. 12-Apr. 30	56	1	
St. Joseph.....	Mar. 1-Apr. 30	200	2	
St. Louis.....	Dec. 16-May 25	1,543	15	
Total for State.....		1,888	18	
Total for State, same period, 1901.		332	3	
Montana:				
Butte.....	Jan. 13-May 11	47	1	
Helena.....	Mar. 1-Apr. 30	5		
Total for State.....		52	1	
Total for State, same period, 1901.		218	2	
Nebraska:				
Adams County.....	Feb. 1-Mar. 20	22		
Antelope County.....	do	3		
Boone County.....	do	13		
Boyd County.....	do	5		
Buffalo County (including Kearney).....	do	19		
Burt County.....	do	6		
Butler County.....	do	27		
Cass County.....	do	12		
Cedar County (including Hartington).....	do	107		
Cheyenne County.....	do	2		
Clay County.....	do	17		
Colfax County.....	do	4		
Cuming County.....	do	1		
Custer County.....	do	4		
Dakota County.....	do	16		
Dawes County.....	do	13		
Dawson County.....	do	1		
Dixon County.....	do	6		
Dodge County (including Fremont).....	do	22		
Douglas County (including Omaha and South Omaha).....	July 1-May 24	1,453	8	
Fillmore County.....	Feb. 1-Mar. 20	1		
Furnas County.....	do	23		
Gage County (including Beatrice).....	do	71		
Hall County.....	do	8		
Hamilton County.....	do	23		
Holt County (including O'Neill).....	do	30		
Jefferson County.....	do	1		
Johnson County (including Tecumseh).....	do	20		
Kearney County.....	do	10		
Keyapaha County (including Springview).....	do	18		
Knox County.....	do	10		
Lancaster County (including Lincoln).....	do	118		
Lincoln County.....	do	2		
Madison County.....	do	14		
Merrick County.....	do	1		
Nance County.....	do	1		
Nemaha County (including Auburn).....	do	23		
Nuckolls County (including Hardy).....	do	14		
Otoe County.....	do	3		
Pawnee County.....	do	1		
Phelps County.....	do	1		
Pierce County (including Plainview).....	do	11		
Platte County.....	do	4		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Nebraska—Continued.				
Richardson County (including Falls City and Dawson)	Feb. 1-Mar. 20	28	
Sarpy County (including Bellevue)do.....	26	
Saunders County (including Wahoo and Valparaiso)do.....	35	
Seward County (including Tamora)do.....	26	
Sheridan Countydo.....	1	
Stanton County (including Stanton)do.....	35	
Thayer Countydo.....	3	
Thurston Countydo.....	5	
Washington Countydo.....	2	
Wayne Countydo.....	10	
Webster Countydo.....	1	
York Countydo.....	1	
Total for State	2,333	8	
Total for State, same period, 1901.	774	4	
New Hampshire:				
Bartlett	Mar. 1-Apr. 1	2	
Berlindo.....	11	
Eppingdo.....	1	
Franklindo.....	5	
Goffstowndo.....	1	
Granthamdo.....	1	
Nashua	Dec. 15-May 24	17	
Total for State	38	
Total for State, same period, 1901.	359	
New Jersey				
Camden County	Dec. 22-May 31	135	23	1,549 cases and 148 deaths from smallpox were reported from the 61 sanitary districts of New Jersey, from January 1 to May 10, 1902. Of the foregoing cases 539 occurred in Newark and 545 in Hudson County.
Essex County (Newark included)	Dec. 15-May 24	711	124	
Hudson County (Jersey City included)	Dec. 23-May 18	720	58	
Passaic County	Nov. 16-May 10	12	3	
Union County (Plainfield included)	Jan. 12-May 17	29	4	
Total for State	1,607	212	
Total for State, same period, 1901.	99	3	
New York:				
Auburn	Apr. 1-Apr. 30	3	
Binghamton	Dec. 22-Mar. 22	30	3	
Buffalo	June 25-May 9	342	6	Five cases from Erie County.
Elmira	May 11-May 24	3	
Middletown	Feb. 1-Feb. 28	1	
Mount Vernon City	Jan. 12-Jan. 18	1	1	
New York	Dec. 15-May 24	1,051	218	
Plattsburg	Dec. 1-Dec. 28	19	
Yonkers	Feb. 15-May 23	7	2	
Total for State	1,457	230	
Total for State, same period, 1901.	1,133	188	
North Carolina:				
Beaufort County (Washington)	Apr. 18-Apr. 30	1	Imported.
Buncombe County	Nov. 1-Mar. 31	101	
Burke County	Mar. 1-Apr. 30	3	
Cabarrus County	Nov. 1-Apr. 30	138	
Caldwell County	Mar. 1-Apr. 30	3	
Carteret County (Morehead City)	Feb. 8-Feb. 28	1	On a vessel
Caswell County	Apr. 1-Apr. 30	3	
Catawba Countydo.....	1	
Cherokee County	Feb. 1-Mar. 31	5	
Cleveland County	Jan. 1-Mar. 31	4	
Cumberland County	Jan. 1-Mar. 31	2	
Davie County	Apr. 1-Apr. 30	1	
Duplin County	Nov. 1-Feb. 28	42	
Durham County	Nov. 1-Mar. 31	9	
Edgecombe County	Nov. 1-Jan. 31	6	
Forsyth County	Nov. 1-Apr. 30	62	
Franklin County	Mar. 1-Mar. 31	4	
Gaston County	Nov. 1-Apr. 30	50	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Graham County.....	Mar. 1-Mar. 31	9		
Greene County.....	Nov. 1-Mar. 31	18		
Guilford County.....	Apr. 1-Apr. 30	1		
Henderson County.....	Nov. 1-Mar. 31	21		
Iredell County.....	Nov. 1-Apr. 30	16		
Johnston County.....	Mar. 1-Mar. 31	1		
Lenoir County.....	Jan. 1-Mar. 31	1		
Lincoln County.....	Feb. 1-Apr. 30	9		
McDowell County.....	Apr. 1-Apr. 30	3		
Madison County.....	Jan. 1-Jan. 31	7		
Martin County.....	Jan. 1-Feb. 28	10		
Mecklenburg County (Charlotte).	Nov. 1-Apr. 30	234	2	
Nash County.....	Nov. 1-Apr. 30	34		
New Hanover County (Wilmington).	Mar. 7-Mar. 31	1		Imported.
Polk County.....	Nov. 1-Feb. 28	9		
Richmond County.....	Mar. 1-Mar. 31	3		
Rockingham County.....	Nov. 1-Apr. 30	46		
Rowan County.....do.....	15		
Rutherford County.....do.....	7		
Sampson County.....	Nov. 1-Mar. 31	41		
Stanly County.....	Jan. 1-Feb. 28	22		
Stokes County.....	Feb. 1-Feb. 28	3		
Surry County.....	Jan. 1-Jan. 31	1		
Swain County.....	Nov. 1-Jan. 31	3		
Union County.....	Nov. 1-Apr. 30	4		
Wake County.....	Apr. 1-Apr. 30	2		
Wayne County.....	Nov. 1-Feb. 28	33		
Wilson County.....	Nov. 1-Apr. 30	393	5	
Yadkin County.....	Apr. 1-Apr. 30	6		
Total for State.....		1,389	7	
Total for State, same period, 1901.		834	4	
North Dakota:				
Barnes County.....	Dec. 4-Mar. 18	53	2	
Benson County.....	Mar. 8-Mar. 18	4		
Bottineau County.....	Dec. 21-Feb. 22	2	1	
Burleigh County.....	Mar. 8-Mar. 18	3		
Cass County.....	Dec. 31-Mar. 1	47		
Cavalier County.....	Jan. 1-May 1	72		
Eddy County.....	Jan. 13-May 1	2		
Foster County.....	Jan. 1-Feb. 22			Several cases.
Grand Forks County.....	Dec. 31-May 1	184	2	
Griggs County.....	Dec. 27-Mar. 18	19		
Kidder County.....	Dec. 23-Feb. 22	9		
Lamoure County.....	Dec. 9-Feb. 22	6		
McHenry County.....	Dec. 24-Feb. 22	36		
McLean County.....	Feb. 1-Feb. 22	1		
Nelson County.....	Dec. 31-Mar. 1	60		
Oliver County.....	Mar. 8-Mar. 18	4		
Pembina County.....	Dec. 31-May 1	14		
Pierce County.....	Jan. 1-Mar. 18	34		
Ramsey County.....do.....	11		
Richland County.....	Mar. 8-Mar. 18	9		
Steele County.....	Dec. 30-Feb. 22	4		
Stutsman County.....	Dec. 31-May 1	16		
Trail County.....	Jan. 1-May 1	33		
Walsh County.....	Dec. 31-Mar. 18	45		
Ward County.....	July 1-May 1	179		
Wells County.....	Dec. 26-Mar. 1	27	1	
Williams County.....	Dec. 18-May 1	6		
Total for State.....		880	6	
Total for State, same period, 1901.		60	1	
Ohio:				
Ashland County—				
Lake Township.....	Aug. 1-Jan 31			
Troy Township.....do.....	2		
Ashtabula County—				
Ashtabula.....do.....	4		
Saybrook Township.....do.....	7		
Auglaize County—				
Moulton Township.....do.....	8		
St. Marys.....do.....	7		
Belmont County—				
Barnesville.....do.....	14		
Bridgeport.....do.....	3		
St. Clairsville.....do.....	3		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Butler County—				
Hamilton.....	Jan. 28-May 17	18		
Middletown.....	Jan. 19-Feb. 15	4		
Carroll County—				
Rose Township.....	Jan. 19-Jan. 31	3	1	
Champaign County—				
Urbana.....	do	2		
Clark County—				
Springfield.....	do	1		
Clermont County—				
Miami Township.....	do			
Coahocton County—				
White Eyes Township.....	do			
Crawford County—				
Auburn Township.....	do			
Crestline.....	do			
New Washington.....	do			
Cuyahoga County—				
Berea.....	do			
Cleveland.....	Dec. 28-May 31	67	14	
Glenville.....	Aug. 1-Jan. 31			
Middleburg Township.....	do			
Rocky River.....	do			
Darke County—				
Jackson Township.....	do	2		
Union City.....	do	33		
Defiance County—				
Hicksville.....	Jan. 1-Jan. 31	34		
Mark Township.....	do	1		
Milford Township.....	do	1		
Delaware County—				
Delaware.....	Aug. 1-Jan. 31	4		
Erie County—				
Sandusky.....	do	4		
Fayette County—				
Union Township.....	Jan. 1-Jan. 31	1		
Washington Court House.....	do	1		
Franklin County—				
Clinton Township.....	Aug. 1-Jan. 31	1		
Columbus.....	do	4	1	
Gallia County—				
Cheshire Township.....	do	2		
Gallipolis.....	do	3		
Harrison Township.....	do			
Greene County—				
Cedarville Township.....	do	1		
Hamilton County—				
Cincinnati.....	Dec. 21-May 30	338	2	
Lockland.....	Dec. 21-Feb. 24	1		
Mill Creek Township.....	Aug. 1-Jan. 31	1		
Pleasant Ridge.....	do	1		
Symmes Township.....	do	1		
Hancock County—				
Allen Township.....	do	1		
Findlay.....	do	46	2	
Hardin County—				
Ada.....	do			
Kenton.....	do			
Liberty Township.....	do			
McDonald Township.....	do			
Henry County—				
Napoleon.....	do			
Highland County—				
Lynchburg.....	Jan. 1-Jan. 31	1		
Hocking County—				
Logan.....	do			
Huron County—				
Chicago Junction.....	do	3		
Jackson County—				
Jefferson Township.....	do	7		
Madison Township.....	do			
Oakhill.....	do			
Washington Township.....	do	1		
Jefferson County—				
Mingo Junction.....	Aug. 1-Jan. 31	7		
Steubenville.....	do	3		
Knox County—				
Wayne Township.....	do	11		
Lake County—				
Mentor.....	do			
Lawrence County—				
Aid Township.....	do	9		
Ironton.....	do	1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases	Deaths.	Remarks.
<i>Ohio—Continued.</i>				
<i>Licking County—</i>				
Eden Township	Aug. 1-Jan. 31	1	
Hanover Township	do	8	
Newark	do	55	
Newton Township	do	1	
Utica	do	1	
<i>Logan County—</i>				
Belle Center	do	2	
Richland Township	do	3	
West Mansfield	do	4	
<i>Lorain County—</i>				
Black River Township	do	
Lorain	do	
Russia Township	do	8	
<i>Lucas County—</i>				
Toledo	Jan. 5-May 24	22	
<i>Madison County—</i>				
Monroe Township	Jan. 1-Jan. 31	1	
<i>Mahoning County—</i>				
Youngstown	Dec. 22-May 10	55	12	
<i>Mercer County—</i>				
Butler Township	Aug. 1-Jan. 31	51	
Coldwater	do	42	
Recovery Township	do	16	
Washington Township	do	9	
<i>Monroe County—</i>				
Benton Township	do	
Bethel Township	do	6	
Franklin Township	do	
Graysville	do	
Perry Township	do	
Washington Township	do	
<i>Montgomery County—</i>				
Butler Township	do	
Dayton	Jan. 12-May 24	12	
Germantown	Aug. 1-Jan. 31	2	
Washington Township	do	
<i>Morrow County—</i>				
Cardington	do	1	
<i>Muskingum County—</i>				
Brush Creek Township	do	1	
Zanesville	do	1	
<i>Perry County—</i>				
Hopewell Township	do	1	
New Lexington	do	4	
<i>Portage County—</i>				
Brimfield Township	do	
<i>Preble County—</i>				
Gratis Township	Jan. 1-Jan. 31	3	
<i>Putnam County—</i>				
Continental	Aug. 1-Jan. 31	
Perry Township	do	
<i>Richland County—</i>				
Madison Township	do	2	
Plymouth Township	do	
<i>Ross County—</i>				
Chillicothe	Mar. 23-Mar. 29	2	
<i>Sandusky County—</i>				
Clyde	Aug. 1-Jan. 31	2	
Fremont	do	3	
Gibsonburg	do	25	
Madison Township	do	1	
Riley Township	do	1	
Townsend Township	do	1	
York Township	do	1	
<i>Scioto County—</i>				
Portsmouth	do	
<i>Seneca County—</i>				
Big Spring Township	do	1	
Fostoria	do	2	
Loudon Township	do	4	
Tiffin	do	
<i>Shelby County—</i>				
Green Township	do	
Orange Township	do	1	
Perry Township	do	
Sidney	do	2	
<i>Stark County—</i>				
Canton	do	1	
Massillon	do	1	
Sandy Township	do	1	
Waynesburg	do	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Tuscarawas County—				
Fairfield Township	Aug. 1-Jan. 31	
Mineral City	do	8	2	
Uhrichsville	do	3	
Union County—				
Magnetic Springs	do	1	
Van Wert County—				
Liberty Township	do	1	
Van Wert	do	5	1	
Washington County—				
Barlow Township	Aug. 19-Jan. 31	
Belpre Township	do	
Liberty Township	do	
Marietta	do	
Wayne County—				
Creston	do	6	
Williams County—				
Alvordtown	do	1	
Bryan	do	1	
Montpelier	do	
Wood County—				
Center Township	do	10	
Henry Township	do	
North Baltimore	do	2	
Troy Township	do	
Webster Township	do	
Wyandot County—				
Carey	Aug. 1-Dec. 20	1	
Total for State		1,069	35	
Total for State, same period, 1901.		1,905	25	Total number of cases January 1 to December 20, 1901, 2,936; deaths, 48.
Oregon:				
Clatsop County (Svenson)	Mar. 17	1	1	
Marshfield	Dec. 1-Jan. 1	250	1	
Portland	Jan. 1-Apr. 30	122	
Total for State		373	2	
Total for State, same period, 1901.		19	
Pennsylvania:				
Allegheny County	Dec. 29-May 17	112	3	
Berks County (Reading)	Jan. 21-Feb. 24	4	
Blair County (Altoona)	Dec. 29-Apr. 19	12	
Butler County	Jan. 16-Jan. 22	1	
Cambria County (Johnstown)	Mar. 30-May 24	11	
Carbon County	Feb. 10-Feb. 16	5	
Dauphin County (Steelton)	Feb. 16-Feb. 22	1	
Erie County (Erie)	Apr. 13-May 24	37	
Lackawanna County (Scranton)	Jan. 16-May 17	32	1	
Lancaster County	Mar. 2-May 12	51	
Lawrence County (New Castle)	Jan. 1-Mar. 31	17	
Lebanon County	Dec. 22-Mar. 15	114	2	
Lehigh County (Allentown)	Feb. 2-Feb. 8	1	
Luzerne County	Dec. 25-Jan. 11	11	
Lycoming County (Williamsport)	Jan. 26-Feb. 1	2	
Montgomery County (Norristown)	Oct. 12-May 5	73	5	
Philadelphia County	Dec. 22-May 31	1,235	221	
Schuylkill County (Auburn)	Nov. 17-Jan. 25	48	1	
York County (York)	Feb. 1-Apr. 30	19	6	
Total for State		1,786	239	
Total for State, same period, 1901.		522	9	
Rhode Island:				
Central Falls	Feb. 18-Mar. 22	6	
East Greenwich	May 4-May 11	1	
East Providence	Apr. 27-May 4	1	
Jericho	Mar. 11-Mar. 17	1	
Manville	Dec. 1-Apr. 6	9	
Natick	Mar. 16-Mar. 22	1	
North Kingstown	Apr. 14-Apr. 21	1	
Pawtucket	Feb. 24-Mar. 22	12	
Providence	Dec. 1-May 17	41	3	In Kent County jail.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Rhode Island—Continued.				
Warren.....	Mar. 3-Mar. 22	18		
Warwick.....	Feb. 23-Apr. 6	26		
Wickford.....	Apr. 27-May 4	1		
Woonsocket.....	Dec. 1-May 4	192		
Total for State.....		310	3	
Total for State, same period, 1901.		21	1	
South Carolina:				
Greenville.....	Dec. 15-May 3	32	3	
Charleston.....	Jan. 19-May 10	18		
Total for State.....		50	3	
Total for State, same period, 1901.		10	1	
South Dakota:				
Sioux Falls.....	Jan. 26-May 10	32		
Tennessee:				
Davidson County (Nashville).....	Feb. 2-May 10	6		
Knox County (Knoxville).....	Feb. 1-Feb. 28	2		
McMinn County.....	Dec. 15	24		
Polk County.....	Feb. 2-Feb. 19	4		
Shelby County (Memphis).....	Dec. 22-May 24	237	4	
Total for State.....		273	4	
Total for State, same period, 1901.		4,323	104	
Texas:				
Fort Worth.....	Jan. 1-Jan. 31	8		
Galveston.....	Mar. 14-Mar. 17	3		
Houston.....	Jan. 1-Mar. 8	186	3	
Laredo.....	Feb. 8.....	1		
San Antonio.....	Jan. 1-Apr. 30	65		
Total for State.....		263	3	
Total for State, same period, 1901.		623	8	
Utah:				
Ogden.....	Jan. 1-Apr. 30	10		
Salt Lake City.....	Dec. 15-May 24	30		
Total for State.....		40		
Total for State, same period, 1901.		792	4	
Vermont:				
Burlington.....	Dec. 15-May 3	176		
Rutland.....	Apr. 27-May 3	1		
Total for State.....		177		
Virginia:				
Cape Charles.....	Mar. 24-Mar. 28	2		1 on sc. Elsie M. Harris and 1 on sc. S. H. Sharp- transferred to Fisher, mans Island April 12.
Norfolk.....	Apr. 10.....	23		
Roanoke.....	Dec. 1-Apr. 30	216	3	
Total for State.....		241	3	
Total for State, same period, 1901.		371	5	
Washington:				
Chehalis County.....	Dec. 1-Dec. 31	1		
Clallam County.....	Jan. 17.....	2		
King County (Seattle).....	Nov. 1-May 1	333		
Klickitat County.....	Nov. 1-Dec. 1	8		
Lincoln County.....	Nov. 1-Dec. 13	35	1	
Pierce County (Tacoma and Stellacoom.).....	Nov. 1-May 18	192	6	
Spokane County (Spokane).....	Nov. 1-Feb. 22	143		
Whitman County.....	do.....	5		
Total for State.....		719	7	
Total for State, same period, 1901.		68		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
West Virginia:				
Wheeling.....	Mar. 16-Apr. 12	4	
Total for State, same period, 1901.	121	1	
Wisconsin:				
36 counties, 61 places.....	Jan. 1-Jan. 31	239	1	
35 counties, 57 places.....	Feb. 1-Feb. 28	256	3	
37 counties, 73 places.....	Mar. 1-Mar. 31	304	1	
37 counties, 64 places.....	Apr. 1-Apr. 30	276	2	
45 counties, 85 places.....	May 1-May 31	358	
41 counties, 67 places.....	June 1-June 30	288	3	
32 counties, 52 places.....	July 1-July 31	268	
27 counties, 36 places.....	Aug. 1-Aug. 31	128	2	
15 counties, 18 places.....	Sept. 1-Sept. 30	71	3	
28 counties, 62 places.....	Oct. 1-Oct. 31	519	2	
42 counties, 100 places.....	Nov. 1-Nov. 30	596	3	
57 counties, 162 places.....	Dec. 1-Dec. 31	1,012	2	
61 counties, 232 places.....	Jan. 1-Jan. 31	1,521	8	
Fond du Lac.....	Jan. 17-Mar. 1	10	Smallpox was reported in 60 counties; 948 cases and 10 deaths during March, 1902.
Green Bay.....	Dec. 30-May 25	181	4	
Janesville.....	Apr. 13-May 10	10	
Manitowoc.....	Mar. 1-Mar. 31	20	
Milwaukee.....	Dec. 29-May 24	77	
Total for State.....	6,134	34	
Total for State, same period, 1901.	587	4	
Grand total.....	35,480	1,132	
Grand total, same period, 1901.	27,246	460	

Plague in the United States as reported to the Surgeon-General, United States Marine-Hospital Service, from December 28, 1901 to June 6, 1902.

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco.....	Dec. 12	1	
	Feb. 22	1	1	From Berkeley.
	Apr. 20	1	1	From Davisville.
	May 19	1	1	

Weekly mortality table, cities of the United States.

Cities.	Week ended.	Population, U. S. census of 1900.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Yellow fever.	Smallpox.	Varioid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Altoona, Pa.....	May 24	38,973	8	1							1			
Ann Arbor, Mich.....	do.	14,509												
Ashabula, Ohio.....	do.	12,949	6											
Baltimore, Md.....	do.	508,987	193	33	1									
Belleville, Ill.....	do.	17,484	7	1										
Biddeford, Me.....	do.	16,145	0											
Binghamton, N. Y.....	do.	38,647	18	1										
Boston, Mass.....	do.	560,892	221	31	6						1	3	3	2
Brookton, Mass.....	do.	40,063	6											
Burlington, Vt.....	do.	18,641	5											
Butler, Pa.....	May 8	10,853												
Do.....	May 15	10,853	4											
Butte, Mont.....	May 17	30,470	15	1							1			4
Do.....	May 25	30,470	7											
Camden, N. J.....	May 24	78,935	20											
Charleston, S. C.....	do.	55,807	38	1										
Chelsea, Mass.....	do.	31,072	8	1										
Chicago, Ill.....	do.	1,658,575	501	57							2	15	8	6
Chester, Mass.....	do.	19,167												
Cincinnati, Ohio.....	do.	325,902	108	12							3	2	1	1
Cleveland, Ohio.....	May 16	381,766	103	7	4						1	3	3	1
Do.....	May 24	381,766	122	10							4	1	4	1
Clinton, Mass.....	do.	13,667	4											
Covington, Ky.....	May 17	42,938	14	3							1			
Do.....	May 24	42,938	17	2										
Dayton, Ohio.....	do.	85,335	23	3										
Denver, Colo.....	May 17	133,859	38	11								2	1	1
Detroit, Mich.....	May 24	285,704	114								3	1		
Dunkirk, N. Y.....	do.	11,616	6											
Everett, Mass.....	do.	24,336	5											
Fall River, Mass.....	do.	104,863	33	5	1							1		
Freeport, Ill.....	do.	13,258	3	1										
Galesburg, Ill.....	do.	18,607	3											
Gloucester, Mass.....	do.	26,121	6											
Grand Rapids, Mich.....	May 17	87,565	20	4							2			
Do.....	May 24	87,565	13	3										
Greenville, S. C.....	May 17	11,860	2											
Do.....	May 24	11,860	1											
Hamilton, Ohio.....	do.	23,914	9									1		
Haverhill, Mass.....	do.	37,175	11										3	
Holyoke, Mass.....	do.	45,712	12											
Indianapolis, Ind.....	do.	169,164	33	5										
Jacksonville, Fla.....	do.	28,429	18	3							2			
Janesville, Wis.....	do.	13,185												
Johnstown, Pa.....	do.	35,936	19	6							3			
Lancaster, Pa.....	do.	41,459	8											
Lawrence, Mass.....	do.	62,559	30	2									1	1
Lexington, Ky.....	May 17	26,369	8	1										
Los Angeles, Cal.....	do.	102,479	36	4							2			
Lowell, Mass.....	May 24	94,969	54	4										
Lynchburg, Va.....	do.	18,891	4	1							1			
McKeesport, Pa.....	do.	34,227	21	1										
Malden, Mass.....	do.	33,664	12	1									1	
Manchester, N. H.....	do.	56,987	14	1										
Marlboro, Mass.....	do.	13,609	2											
Massillon, Ohio.....	May 17	11,944	0											
Medford, Mass.....	May 24	18,244	4											
Melrose, Mass.....	do.	12,962	3	1	1									
Memphis, Tenn.....	do.	102,320	37	6										
Minneapolis, Minn.....	Apr. 25	202,718	64	3								1	2	
Do.....	May 3	202,718	60	5							2	1	1	
Do.....	May 10	202,718	50	5							1	2	1	
Do.....	May 17	202,718	45	3									2	
Mobile, Ala.....	May 24	38,469	21	3								1		
Nashua, N. H.....	do.	23,898	5									1		
Nashville, Tenn.....	do.	80,865	28	5								1		
Newark, N. J.....	do.	246,070	106	17	8								6	5
New Bedford, Mass.....	do.	62,442	23	3										
Newburyport, Mass.....	May 17	14,478	3											
Do.....	May 24	14,478	6	2										
New Orleans, La.....	do.	287,104	155	23							5	1		1
Newport, R. I.....	do.	22,034	9											
Newton, Mass.....	do.	33,587	7										1	

Weekly mortality table, cities of the United States—Continued.

Cities.	Week ended.	Population, U.S. census of 1900.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
New York, N. Y.	May 14	3,437,202	1,332	134		11				5	37	45	12
Norristown, Pa.	do.	22,265	11										
North Adams, Mass.	do.	24,200	6							1			
Northampton, Mass.	do.	18,643	2	1									
Oneonta, N. Y.	do.	7,147	1										
Palmer, Mass.	do.	7,801	3	1									
Philadelphia, Pa.	do.	1,293,697	468	57		3				20	8	12	4
Plainfield, N. J.	do.	15,389	7	1									
Portland, Me.	May 17	50,145	17										
Do	May 24	50,145	14	3									
Providence, R. I.	do.	175,597	42	6									
Quincy, Mass.	do.	23,899	5										
Reading, Pa.	May 26	78,961	22	3							1		
Sacramento, Cal.	May 17	29,282	7									1	
Do	May 24	29,282	6									1	
Salt Lake City, Utah	May 17	53,531	17	2									
San Francisco, Cal.	May 18	342,782	116	14						2		2	3
Scranton, Pa.	May 24	102,026	26										1
Shreveport, La.	do.	16,013	3										
Sioux Falls, S. Dak.	do.	10,266	1										
Somerville, Mass.	do.	61,643	8									1	
South Bend, Ind.	do.	35,999	11	1									1
Steelton, Pa.	do.	12,068	13	1						6			
Tacoma, Wash.	May 18	37,714	7										
Do	May 25	37,714	14	2								1	
Taunton, Mass.	May 24	31,036	8										
Terre Haute, Ind.	do.	36,673	12	3									
Titusville, Pa.	do.	8,244	1										
Waltham, Mass.	do.	23,481	6										
Warren, Ohio	do.	4,529	2										
Washington, D. C.	do.	278,718	107	12						6		1	3
Weymouth, Mass.	do.	11,324	4										
Wichita, Kans.	do.	24,671	6	1									
Williamsport, Pa.	do.	28,757	6										
Winona, Minn.	do.	19,714	3										
Worcester, Mass.	May 23	118,421	40	6									
Yonkers, N. Y.	do.	47,931	19	1		1						1	
Youngstown, Ohio	May 17	44,835	16	2						2			1

Table of temperature and rainfall, week ended May 26, 1902.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	50	484	.16
Portland, Me.....	55	584	.56
Northfield, Vt.....	55	768	.82
Boston, Mass.....	59	77838
New Haven, Conn.....	60	482	.08
Albany, N. Y.....	62	473	.07
New York, N. Y.....	62	67040
Harrisburg, Pa.....	62	8	1.0999
Philadelphia, Pa.....	65	57707
New Brunswick, N. J.....	63	59151
Atlantic City, N. J.....	60	262	.08
Baltimore, Md.....	67	785	.15
Washington, D. C.....	66	691	1.39
Lynchburg, Va.....	68	69101
Cape Henry, Va.....	67	391	.09
Norfolk, Va.....	69	198	1.12
Charlotte, N. C.....	69	5	1.00	.50
Raleigh, N. C.....	67	7	1.0070
Kittyhawk, N. C.....	68	48282
Hatteras, N. C.....	69	3	1.05	1.05
Wilmington, N. C.....	72	09939
Columbia, S. C.....	74	29111
Charleston, S. C.....	74	29454
Augusta, Ga.....	74	48080
Savannah, Ga.....	75	379	.31
Jacksonville, Fla.....	76	2	1.00	.30
Jupiter, Fla.....	76	2	1.37	1.27
Key West, Fla.....	80	08787
Gulf States:						
Atlanta, Ga.....	70	87878
Tampa, Fla.....	76	25747
Pensacola, Fla.....	73	78333
Mobile, Ala.....	75	5	1.0424
Montgomery, Ala.....	74	69191
Meridian, Miss.....	72	8	1.14	1.04
Vicksburg, Miss.....	74	8	1.0696
New Orleans, La.....	76	4	1.11	1.01
Shreveport, La.....	75	59191
Fort Smith, Ark.....	69	11	1.0565
Little Rock, Ark.....	70	12	1.31	1.01
Palestine, Tex.....	71	9	1.31	1.31
Galveston, Tex.....	77	39595
San Antonio, Tex.....	76	67060
Corpus Christi, Tex.....	75	58282
Ohio Valley and Tennessee:						
Memphis, Tenn.....	72	893	.27
Nashville, Tenn.....	70	107363
Chattanooga, Tenn.....	67	118787
Knoxville, Tenn.....	67	984	.26
Lexington, Ky.....	65	978	1.12
Louisville, Ky.....	68	882	4.68
Indianapolis, Ind.....	65	796	2.24
Cincinnati, Ohio.....	66	877	4.63
Columbus, Ohio.....	63	119818
Parkersburg, W. Va.....	66	1080	2.10
Pittsburg, Pa.....	64	1077	.53
Lake Region:						
Oswego, N. Y.....	57	370	1.10
Rochester, N. Y.....	60	67727
Buffalo, N. Y.....	57	578	.02
Erie, Pa.....	59	791	.59
Cleveland, Ohio.....	60	890	.00
Sandusky, Ohio.....	61	784	1.06
Toledo, Ohio.....	62	877	1.43
Detroit, Mich.....	61	784	.46
Lansing, Mich.....	59	117626
Port Huron, Mich.....	56	1077	1.33
Alpena, Mich.....	52	1080	1.10
Sault Ste. Marie, Mich.....	48	1249	.91
Marquette, Mich.....	52	874	.06
Escanaba, Mich.....	5384
Green Bay, Wis.....	56	1078	.62
Grand Haven, Mich.....	57	783	.17
Milwaukee, Wis.....	56	884	1.66
Chicago, Ill.....	58	1284	.56
Duluth, Minn.....	50	492	.38

a The figures in this column represent the average daily departure.

Table of temperature and rainfall, week ended May 26, 1902—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Upper Mississippi Valley:						
St. Paul, Minn.	61	78010
La Crosse, Wis.	62	879	2.41
Dubuque, Iowa	62	1099	2.11
Davenport, Iowa	63	11	1.0515
Des Moines, Iowa	62	10	1.12	1.28
Keokuk, Iowa	65	991	1.19
Springfield, Ill.	63	11	1.17	.13
Cairo, Ill.	69	119151
St. Louis, Mo.	68	10	1.0767
Missouri Valley:						
Columbia, Mo.	67	7	1.19	1.61
Springfield, Mo.	64	10	1.38	.12
Kansas City, Mo.	66	8	1.09	3.21
Topeka, Kans.	65	9	1.19	1.21
Wichita, Kans.	64	8	1.01	4.09
Concordia, Kans.	64	698	3.22
Lincoln, Nebr.	63	5	1.05	.45
Omaha, Nebr.	64	6	1.0303
St. Louis, Mo.	58	128464
Yankton, S. Dak.	62	6	1.0393
Valentine, Nebr.	59	16343
Huron, S. Dak.	57	57010
Pierre, S. Dak.	57	75444
Moorhead, Minn.	55	956	.04
Bismarck, N. Dak.	57	15636
Williston, N. Dak.	55	1	.50	.10
Rocky Mountain and Plateau Region:						
Havre, Mont.	57	5	.37	1.73
Helena, Mont.	54	4	.41	1.39
Miles City, Mont.	59	3	.56	.64
Rapid City, S. Dak.	54	08919
Spokane, Wash.	60	7	.35	.45
Walla Walla, Wash.	65	4	.83	.95
Baker City, Oreg.	56	4	.42	.18
Winnemucca, Nev.	57	5	.2111
Pocatello, Idaho	56	4	.26
Boise, Idaho	60	4	.35	.25
Salt Lake City, Utah	60	6	.3616
Lander, Wyo.	53	3	.4707
Cheyenne, Wyo.	53	3	.3749
North Platte, Nebr.	60	26434
Denver, Colo.	58	06131
Pueblo, Colo.	59	33737
Dodge City, Kans.	61	579
Oklahoma, Okla.	68	8	1.29	.81
Amarillo, Tex.	66	475	.15
Abilene, Tex.	74	484	.46
Santa Fe, N. Mex.	58	2	.2525
El Paso, Tex.	74	2	.1414
Phoenix, Ariz.	76	6	.00	.00
Yuma, Ariz.	79	9	.00	.00
Pacific Coast:						
Seattle, Wash.	58	04949
Tacoma, Wash.	55	15050
Portland, Oreg.	59	3	.5242
Roseburg, Oreg.	59	3	.4212
Eureka, Cal.	5455
Red Bluff, Cal.	70	4	.2624
Carson City, Nev.	56	6	.1414
Sacramento, Cal.	65	3	.1515
San Francisco, Cal.	57	3	.1010
Fresno, Cal.	70	4	.0707
San Luis Obispo, Cal.	59	3	.0707
Los Angeles, Cal.	63	5	.0707
San Diego, Cal.	62	4	.0707

a The figures in this column represent the average daily departure.

FOREIGN AND INSULAR.

AUSTRALIA.

Suspected plague at Newcastle—Confirming cablegram of March 21.

NEWCASTLE, NEW SOUTH WALES, *April 4, 1902.*

SIR: I beg to inform you that I sent the following cable to you on March 21, 1902: "Department of State, Washington, D. C., plague, Goding." But 1 case has yet occurred and that is convalescent, yet several other suspects are under observation. I, with most of the medical profession here, have grave doubts as to its being a case of true bubonic plague.

Respectfully,

F. W. GODING,
United States Consul.

HON. ASSISTANT SECRETARY OF STATE.

BRITISH HONDURAS.

Weekly report of conditions and transactions at Belize—Fruit port.

BELIZE, BRITISH HONDURAS, *May 18, 1902.*

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended May 18, 1902:

Population according to census of 1901, 9,113; present officially estimated population, 7,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 5. Causes of death, phthisis, 1; debility, 2; enteritis, 1; tetanus, 1. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following vessels: May 15, steamship *Geo. Dumois*; crew, 19; passengers from this port, none; passengers in transit, none; baggage disinfected, none. May 16, steamship *Anselm*; crew, 40; passengers from this port, 7; passengers in transit, 11; baggage disinfected, 13 pieces.

Respectfully,

R. H. PETERS,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

CHINA.

*Plague and cholera in Canton—Precautions against spread. **

[No. 189.]

CANTON, CHINA, *April 17, 1902.*

SIR: In further continuation of my No. 184, regarding the spread of Asiatic cholera in Canton and vicinity, I have the honor to report as follows:

On Wednesday, April 16, 1902, I received the following report from

Dr. John M. Swan, the chief physician in charge of the American Medical Mission Hospital, Canton:

CANTON, CHINA, April 16, 1902.

SIR: In connection with our out-patient clinic to-day I obtained reliable information of a rather sudden outbreak of bubonic plague in a town of about 10,000 inhabitants located about 5 miles south from Canton and not far beyond what is known as the Macao Fort. Several tens of cases are occurring each day according to my informant, though he at first said 100 cases a day. My closer questioning brought the number he was certain of to probably 40 or 50. There is no question but in this town called Ping Chau plague is epidemic and of sudden and only recent appearance.

So far as I can learn on careful inquiry there is almost no plague here in the city of Canton at present. Cholera has also abated to a considerable extent, though there are still some cases occurring in Honam. Any further reliable information I can get in this line I will forward to you promptly.

Respectfully,

JOHN M. SWAN, M. D.

Hon. R. M. McWADE, United States Consul, Canton, China.

Acting on the foregoing information, I cabled to the Department as follows, duplicating the dispatch to Minister Conger at Peking:

SECRETARY OF STATE, Washington, D. C.: Bubonic plague epidemic Ping Chau, south of Canton. Several cases Canton. Cholera disappeared here, abating Honam.

McWADE.

We have had several heavy rains since my previous dispatch, with the result that the sewers and streets have been well flushed and the accumulated filth swept into the Canton river. The heavy rains also produced a decided amelioration in the cholera conditions, both in Canton, Honam, and Fati. It is feared, however, that we are on the eve of another visitation of bubonic plague. As this is what is known here as an "off" year, I do not anticipate a heavy mortality through that pestilence, neither do I expect it to be epidemic here. There are a number of towns on the southern seacoast and some large villages in the interior of Kwangtung and Kwangsi, which are visited by the plague every year, and on account of their filthy condition lose thousands of lives during this visitation. Recent reports from them are of a contradictory character.

Dr. W. J. W. Anderson, of the Wesleyan Mission, officially reported to me, this morning, that entire areas of large villages and market towns on the banks of the North river, near Shinkwanfu, are suffering terribly and have really been devastated by the ravages of smallpox and typhoid fever. He believes that the victims number *in toto* almost 1,000 per day. Shinkwanfu is about 300 miles from Canton and is reached by passenger junks, which occupy about a fortnight in making a single trip.

Dr. Anderson also reported that cholera and plague claim over 100 victims daily in Fatshan. Acting on his information I cabled to the Department as follows, transmitting a copy of my dispatch to Minister Conger:

SECRETARY OF STATE, Washington, D. C.: Whole villages banks North River vicinity Shinkwanfu devastated smallpox typhoid. Fatshan suffering cholera plague.—McWADE.

The Hongkong Telegraph of April 9, 1902, published the following brief article, which is self explanatory:

Plague and cholera precautions in Canton.

For the last two days, the city has been filled with proclamations issued by the Nam Hoi and Pun U magistrates re the precautions to be taken against plague and cholera. The inhabitants are to have all their houses cleaned and disinfected, and no water is to be drunk unless properly boiled and diluted with certain medicinal acids. It appears

that the American consul in Canton is responsible for this matter, as we are informed that the Chinese officials were at a loss to know how to check the diseases and finally had recourse to the American consul, who advised them what to do.

The proclamations referred to in the foregoing newspaper article were issued jointly by the Nam Hoi and Pun U magistrates by the commands of H. E. Tao Mu, viceroy of the Two Kwangs, and in addition to being posted in the streets of Canton and Honam, were published in all the Chinese newspapers. I inclose clippings from two of the Chinese newspapers, the Achow Yat Po and the On Nga Shu Koh, containing the proclamations. I also inclose translations of the proclamations.

Respectfully,

ROBERT M. McWADE,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

[Inclosure.]

Proclamation issued for the prevention of cholera.

The ways of precaution against cholera must be firmly done and must not only be by speaking from the mouth.

Now, the Nam Hoi and Pun U magistrates have issued the following proclamation:

We have jointly and respectfully received a communication from H. E., the Viceroy, reading as follows:

I am in receipt of a dispatch from the Hon. Robert M. McWade, United States consul at Canton, saying that the alarming prevalence of cholera in Canton, Honam, and vicinity induce me to suggest to your excellency the propriety of issuing a proclamation embodying the following rules for the better protection and safety of the lives of the natives and foreigners alike:

"All the streets, large and small, and all the drains should be thoroughly flushed with water from the river, and especially where animal matter and other refuse is usually allowed to collect.

"After being thoroughly flushed with water from the river, the drains should also have lime profusely scattered therein.

"All decayed or unripe fruit and vegetables should be immediately destroyed and the sale thereof severely punished.

"All vegetables should be thoroughly well cooked before being eaten.

"Under no circumstances should water be drunk or used for family purposes until it has been boiled for at least half an hour.

"Cleanliness of person, of all clothing, of cooking and other utensils and of the interior of every household is essentially necessary.

"An excellent precaution against cholera is, for each person to take twice every day five drops of aromatic sulphuric acid in a glass of water which has been well boiled. A small bottle of aromatic sulphuric acid can be easily procured at the Canton hospital."

I feel satisfied, your excellency, that a proper observance of the foregoing rules will be the means of preventing the spread of the cholera and of saving many human lives.

If I can be of any personal service in this important matter, or in any other, it will be a pleasure to me.

At present I find that cholera is spreading in the vicinities of Canton, and when I lately received the communication from the Hon. James Scott, British consul-general, and the commissioner of Canton customs, Mr. Ma, I immediately forwarded to the said magistrates, etc., instructing them to act according to last year's method by summoning and ordering all the gentries and elders to caution for its prevalence and at the same time to issue proclamations advising the people that they must not have any of the filth piled up in heaps as they pleased, and insist upon the Taepo (chief watchman) of the different streets to clean all the streets every day, with the hope that the disease will be exterminated, and report to me, with full particulars of their proceeding, for my consideration.

And, again, we have respectfully received the communication from the honorable British consul-general, through his excellency the viceroy, stating as before, so that besides replying to his excellency the viceroy, ordering all the gentries and informing the municipal board, etc., accordingly, we have the right to inform you (soldiers and people) by proclamation that all of you must understand that the prevalence of the disease is caused through all the dirty things, and that hereafter you must keep the streets clean and must not collect any filth thereof as you pleased, then the disease will be utterly extinguished, so everyone of you must not fail to obey.

A case of typhus fever at Hongkong.

HONGKONG, CHINA, May 29, 1902.

WYMAN, Washington, D. C.: Typhus fever, 1.—KERR.

COLOMBIA.

Yellow fever in Panama.

PANAMA, COLOMBIA, May 10, 1902.

SIR: I have the honor to say that there have been 8 cases of yellow fever in the city of Panama. Of these, 6 died and 2 recovered. The facts were promptly reported to the U. S. Marine-Hospital Service, Washington, D. C. So far as known, there are no cases here at the present time. These cases were brought here by a steamer coming from Venezuela.

Respectfully,

H. A. GUDGER.

United States Consul-General.

Hon. ASSISTANT SECRETARY OF STATE.

COSTA RICA.

Weekly report of conditions and transactions at Port Limon—Fruit port.

PORT LIMON, COSTA RICA, May 22, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended May 22, 1902:

Present officially estimated population, 4,000. Number of cases and deaths from yellow fever during the week, 2 cases, deaths, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 2. Prevailing diseases are yellow fever, scarlatina, and malarial fever. General sanitary condition of this port and the surrounding country during the week, not good. The two cases of yellow fever noted above, developed May 20, 1902. One, an American, is a patient in the Costa Rica Railway Hospital here. The other, a native, male, is in the United Fruit Company's Hospital, brought here from the interior, along the line of the Costa Rica Railroad. The 2 deaths, also noted above, namely, an adult, colored, female, aged 32, due to Bright's disease, and an adult, colored, male, aged 35, from tertiary syphilis.

Bills of health were issued to the following vessels: May 15, steamship *Beverly*, number crew, 39; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none. May 16, steamship *Colombia*, number crew, 18; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none. May 17, steamship *Algiers*, number crew, 31; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none. May 19, steamship *Alleghany*, number crew, 44; number of passengers from this port, 13; number of passengers in transit, 6; pieces of baggage disinfected, none. May 12, steamship *Foxhall*, number crew, 26; number

of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none.

Respectfully,

WM. H. CARSON,
Acting Assistant Surgeon, U. S. M. H. S.
The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

CUBA.

Reports from Cienfuegos, Casilda, and Santa Cruz del Sur.

CIENFUEGOS, CUBA, May 19, 1902.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to transmit the following report of the transactions in the district under my command, for the week ended May 10, 1902: Eleven deaths occurred in this city. Of these, 5 occurred in the civil hospital. No contagious diseases reported. Causes of death as follows: Meningitis, 4; tuberculosis, 3; tetanus, 1; hemorrhage, cerebral, 1; remittent fever, 1; rheumatism, acute, 1. Death rate per 1,000 inhabitants, 14.34. Three of above-mentioned cases of meningitis occurred in children of less than one year of age; 1 case, in the person of a man aged 50. Six vessels inspected and passed, granted pratique; 3 vessels admitted without inspection; 19 bills of health issued vessels prior to departure; 1 vessel, schooner *S. E. Bentley*, disinfected; destination Mobile, and no alien passengers landed at this port.

Casilda.—Acting Asst. Surg. Alejandro Cantero reports 3 deaths in city of Trinidad; no contagious diseases reported; 14 vessels inspected and passed, granted pratique; 12 bills of health issued vessels prior to departure, and no alien steerage passengers landed at that port.

Santa Cruz del Sur.—Acting Asst. Surg. Pedro M. Quevedo reports no deaths at that port; no contagious diseases reported. Five vessels inspected and passed, granted pratique; 4 bills of health issued vessels prior to departure, and no alien steerage passengers landed at that port.

Respectfully,

FELIX GIRALT,
Acting Assistant Surgeon, U. S. M. H. S.
The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Inspection of immigrants at Cienfuegos for the week ended May 20, 1902.

CIENFUEGOS, CUBA, May 20, 1902.

SIR: I herewith submit report of alien steerage passengers arriving at this port during the period ended May 20, 1902. May 19, steamship *Martin Saez*, from Genoa, with 14 immigrants.

Respectfully,

FELIX GIRALT,
Acting Assistant Surgeon, U. S. M. H. S.
The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Reports from Havana and Batabano.

HAVANA, CUBA, May 26, 1902.

SIR: I have the honor to inclose herewith report of transactions of this station, together with mortuary data of the city of Havana, for the week ended May 17, 1902.

Batabano.—Acting Asst. Surg. Jose M. Campos reports having inspected 5 vessels on arrival and issued 6 bills of health during the week.

Respectfully,

A. H. GLENNAN,
Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure.]

Summary of transactions at Havana for week ended May 10, 1902.

PASSENGER DEPARTMENT.

Number of passengers inspected.....	72
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HARBOR DEPARTMENT.

Number of crews on incoming vessels inspected.....	2,002
Number of crews on outgoing vessels inspected.....	814
Number of passengers on incoming vessels inspected.....	1,051
Number of passengers on outgoing vessels inspected.....	363

Total.....	4,230
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Number of immigrants inspected and passed.....	255
Immigrants recommended for further physical investigation.....	1
Number of vaccination certificates issued.....	7

SHORE DISINFECTING PLANT.

Baggage disinfected.....	51
Baggage inspected and passed.....	180
Express inspected and passed.....	40
Freight inspected and passed.....	1,059

Total number of pieces handled.....	1,279
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DISINFECTING STEAMER SANATOR.

Number of vessels disinfected.....	2
Number of pieces of baggage disinfected.....	141
Number of crews and passengers inspected.....	87

MORTUARY REPORT.

Typhoid fever.....	2	Bronchitis.....	5
Tuberculosis.....	15	Cancer.....	1
Enteritis.....	10	Borras fever.....	1
Meningitis.....	16	Malaria.....	1
Pneumonia.....	4	Total number deaths from all causes...	126
Diphtheria.....	2		

Inspection of immigrants at Havana for the week ended May 17, 1902.

HAVANA, CUBA, May 17, 1902.

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended May 17, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
May 12	Steamship Havana.....	New York	4
Do.....	Steamship Excelsior.....	New Orleans.....	2
Do.....	Steamship Madrileño.....	Liverpool and Spain.....	87
Do.....	Steamship Martín Sáez.....	Genoa, Spain, and Porto Rico.....	13
Do.....	Steamship City of Washington.....	Tampico	1
May 13	Steamship Mascotte.....	Key West	29
May 14	Steamship Morro Castle.....	New York	73
Do.....	Steamship Monterrey.....	Vera Cruz and Progreso.....	48
May 15	Steamship Mascotte.....	Key West	15
Do.....	Steamship La Navarre.....	Vera Cruz	22
May 17	Steamship Leon XIII.....	Genoa, Spain, and New York.....	41
	Total		25

Respectfully,

A. H. GLENNAN,
Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Reports from Matanzas, Cardenas, Isabela de Sagua, and Caibarien.

MATANZAS, CUBA, May 19, 1902.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit herewith the following sanitary report of the quarantine district under my command, for the week ended May 17, 1902:

Matanzas.—Sixteen deaths occurred in the city of Matanzas during the period covered by this report, showing a mortality of 18.42 per 1,000. The principal causes of death were as follows: Tuberculosis, 5; meningitis, 3; tetanus, infantile, 2; enteritis, 1; broncho pneumonia, 1; cerebral hemorrhage, 1; other causes, 3. No case of infectious or contagious character was reported. Six vessels arrived during the week; 5 of these were inspected and passed and 1 passed without inspection. Seven bills of health were issued to vessels leaving this port.

Cardenas.—Acting Asst. Surg. Enrique Sáez reports that 10 deaths occurred in Cardenas during the week of the following causes: Dysentery, 1; cerebral congestion, 1; pleuro pneumonia, 1; heart disease, 1; cancer, 1; meningitis, 1; gastro enteritis, 1; other causes, 3. No case of infectious or contagious character was reported. Nineteen vessels arrived during the week and were passed without inspection. Sixteen bills of health were issued to vessels leaving the port. The deaths rate during the week was 21 per 1,000.

Isabela de Sagua.—Acting Asst. Surg. Pedro Garcia Riera reports that 17 vessels arrived during the week; 4 of these were inspected and passed and 12 passed without inspection. Eighteen bills of health were issued to vessels leaving the port. No sanitary report has been received.

Caibarien.—Acting Asst. Surg. Leoncio Junco reports that during the week ended May 10, 1902, 3 deaths occurred in the municipal district of Caibarien of the following causes: Cerebral hemorrhage, 1; pulmonary tuberculosis, 1; unknown, 1. The death rate for the week was

18.10 per 1,000. Four vessels arrived and were passed without inspection. Four bills of health were issued to vessels leaving the port. For the week ended May 17, 1902, he reports that 5 deaths occurred in Caibarien of the following causes: Cancer, 3; tuberculosis of lungs, 1; rickets, 1. No case of infectious or contagious character was reported. The death rate for the week was 30.16 per 1,000. Eleven vessels arrived; 1 of these was inspected and passed and 10 passed without inspection. Eight bills of health were issued to vessels leaving the port.

Respectfully,

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

R. H. VON EZDORF,
Assistant Surgeon, U. S. M. H. S.

DENMARK.

Danish West Indies quarantines against Barbados on account of smallpox.

DEPARTMENT OF STATE,
Washington, D. C., April 27, 1902.

SIR: I have the honor to inform you, in accordance with advices in a dispatch of the 9th instant from the minister to Denmark, that, owing to the appearance of smallpox in Barbados, the government of the Danish West Indies has declared a quarantine of fifteen days against that island.

Respectfully,

HON. SECRETARY OF THE TREASURY.

JOHN HAY,
Secretary of State.

GERMANY.

Report from Berlin—Plague and cholera in various countries.

BERLIN, GERMANY, May 17, 1902.

SIR: I have the honor to transmit the latest information regarding plague and cholera, obtained from the imperial health office (Kaiserliches Gesundheitsamt) at Berlin:

Plague.

EGYPT.—From April 25 to May 1, inclusive, there were registered 22 new plague cases and 13 deaths, viz, 2 cases, 1 death, in Alexandria; 12 cases, 5 deaths, in the district of Magagha, province Minieh; 2 cases, 1 death, in Benha, province Galinbieh; 2 cases in the district of Tala, province Menusieh; 1 case, 2 deaths, in Tantah, province Garbieh; 1 case, 2 deaths, in the district of Mit Sammanud, province Dakalieh; 1 case, 1 death, in Decheneh, province of Keneh, and 1 case, 1 death, in the district of Beni Mazar. Furthermore, according to an official report from Suez, a case of plague occurred on the English steamer *Victoria* during her voyage from Bombay. The patient was isolated, and on April 25 he disappeared. Probably the sick man plunged into the sea. The requisite measures for disinfection were taken.

BRITISH INDIA.—At Ratnagiri, a port in the Bombay Presidency, a case of plague, with fatal termination, was recorded on March 18. In Akyab, according to a report dated April 12, the plague has been stamped out.

BRITISH EAST AFRICA.—Up to May 2, 61 plague cases and 19 deaths had been registered in the protectorate.

QUEENSLAND.—From May 2 to March 15, according to the official bulletins, 12 plague cases and 2 deaths occurred in Brisbane.

During the week ended April 5, 4 new plague cases and 3 deaths were recorded in Brisbane and 1 new case in Townsville.

Plague and cholera.

BRITISH INDIA.—In Calcutta, during the week from March 30 to April 5, 689 persons died of plague and 128 of cholera.

Cholera.

In Djiddah there occurred between April 8 and April 10, 13 deaths of cholera, and between April 10 and April 24, 28 deaths. Among the pilgrims who arrived by caravan between March 4 and March 17 in Medina and Mecca, 423 deaths from cholera have been recorded.

Respectfully,

FRANK H. MASON,
United States Consul General.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Health of Berlin.

BERLIN, GERMANY, May 18, 1902.

SIR: I have the honor to report that during the week ended May 3, the mortality rate in Berlin was a little higher than during the foregoing week, and amounted, calculated on the year, to 15.2 per 1,000 of the population, so that only about one-third of the large German cities could show more favorable statistics than Berlin. The lowest death rate among these towns was that of Schöneberg, with the extraordinarily low mortality of 5.4 per 1,000 of the inhabitants. The death rate of Munich, Paris, and Vienna was still considerably higher than that of Berlin. The number of cases of acute disease of the intestines decreased somewhat in this week, too, causing 27 deaths. Cases of acute disease of the respiratory organs increased, and caused 59 deaths. The number of deaths from consumption amounted to 86, being considerably less than during the foregoing week. The number of cases of measles and of diphtheria increased somewhat, the former causing 6, the latter 5 deaths. There were registered 6 deaths from influenza and 2 from scarlet fever. Eleven persons died by violence.

Respectfully,

FRANK H. MASON,
United States Consul-General.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

GUATEMALA.

Weekly reports of conditions and transactions at Livingston—Fruit port.

LIVINGSTON, GUATEMALA, May 21, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended May 21, 1902:

Present officially estimated population, 3,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes

during the week, none. Prevailing diseases, none. General sanitary condition of this port and the surrounding country during the week, good.

Bill of health was issued to the following steamship: May 20, steamship *Managua*; number of crew, 16; number of passengers from this port, none; passengers in transit, none; pieces of baggage disinfected, none.

Respectfully,

A. J. SMITH,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Reports from Puerto Barrios.

PUERTO BARRIOS, GUATEMALA, May 12, 1902.

SIR: The following steamships have cleared from this port for the week ended May 10: May 6. steamship *Breakwater*, with passengers, for New Orleans; steamship *Managua*, with cargo of coffee and fruit, for Mobile.

D. P. ALBERS,

*Resident Medical Inspector for the
Louisiana State Board of Health, Puerto Barrios.*

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

PUERTO BARRIOS, GUATEMALA, May 19, 1902.

SIR: The following steamships have cleared from this port for week ended May 17: May 13. British steamship *Anselm*, with passengers, for New Orleans; Norwegian steamship *George Dumois*, with cargo of fruit and coffee, for New Orleans. May 15, British steamship *Cuban*, with cargo of mahogany, for New Orleans.

Respectfully,

D. P. ALBERS,

*Resident Medical Inspector for the
Louisiana State Board of Health, Puerto Barrios.*

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

HAWAII.

Confirming telegraphic reports of plague in Honolulu.

HONOLULU, H. I., May 14, 1902.

SIR: Referring to my telegram of May 14, relative to 5 new deaths from plague having occurred here, 2 on May 8, 2 on May 11, and 1 on May 13, I have the honor to report as follows: The cases occurred in 5 Hawaiians who had been residing at Peck's stable yard, and who, in the opinion of the board of health, received their infection at this latter place. No dead rats have been found in this locality and the source of the infection is not known, this despite the board's efforts to trace the origin of the outbreak. All of the houses in this neighborhood have received a most thorough disinfection, the portable sulphur furnace lent by you being used for the purpose. The ground has been cleansed, sprayed by a strong solution of corrosive sublimate, and the flumes treated with large quantities of sulphuric acid. The inmates of all the houses in the neighborhood have been placed in Kalihi camp in quarantine. I will give further details concerning these cases when I receive the data. I have resumed the out-going quarantine work with

no changes from the old plan, although I have written to all of the Pacific coast quarantine officers again, giving the details of our work for their convenience. The board of health is most energetic and thorough in their work of handling the situation, and therefore I do not regard the outlook as a serious one.

Respectfully,

L. E. COFER,
*Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer, Hawaii.*

The SURGEON-GENERAL,
U. S. Marine Hospital Service.

HONDURAS.

Weekly report of conditions and transactions at La Ceiba—Fruit port.

LA CEIBA, HONDURAS, May 17, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended May 17, 1902:

Population according to census—no official census. Present officially estimated population, about 4,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 1. Prevailing disease, malaria. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following vessels: May 11, steamship *David*, number of crew, 23; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none. May 15, steamship *Polonia*, number of crew, 6; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none; steamship *Usk*, number of crew, 20; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none; steamship *Condor*, number of crew, 16; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none.

Respectfully,

W. B. ROBERTSON,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine Hospital Service.

ITALY.

Report from Naples—Inspection at Palermo.

NAPLES, ITALY, May 12, 1902.

SIR: I have the honor to report that for the week ended May 10, 1902, the following ships were inspected at Naples:

May 5, the steamship *Scotia*, of the Hamburg-American Line, bound with passengers and cargo for New York. There were inspected and passed 491 steerage passengers and 90 pieces of large baggage; 850 pieces of baggage were disinfected by steam.

May 6, the steamship *Roma*, of the Fabre Line, bound with passengers and cargo for New York. There were inspected and passed 1,298 steer-

age passengers and 220 pieces of large baggage; 1,600 pieces of baggage were disinfected by steam.

May 6, the steamship *Spartan Prince*, of the Prince Line, bound with passengers and cargo for New York. There were inspected and passed 586 steerage passengers and 55 pieces of large baggage; 950 pieces of baggage were disinfected by steam.

May 8, the steamship *Lombardia*, of the Italian General Navigation Company, bound with passengers and cargo for New York. There were inspected and passed 1,183 steerage passengers and 75 pieces of large baggage; 1,200 pieces of baggage were disinfected by steam.

May 8, the steamship *Aller*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 736 steerage passengers and 88 pieces of large baggage; 950 pieces of baggage were disinfected by steam.

May 8, the steamship *Rio Amazonas*, of the Ligurian and Brazilian Line, bound with passengers and cargo for New York. There were inspected and passed 923 steerage passengers and 220 pieces of large baggage; 1,400 pieces of baggage were disinfected by steam.

May 9, the steamship *Calabria*, of the Anchor Line, bound with passengers and cargo for New York. There were inspected and passed 1,244 steerage passengers and 245 pieces of large baggage; 1,600 pieces of baggage were disinfected by steam.

May 10, the steamship *Neustria*, of the Fabre Line, bound with passengers and cargo for New York. There were inspected and passed 885 steerage passengers and 200 pieces of large baggage; 1,200 pieces of baggage were disinfected by steam.

Inspection at Palermo.

At Palermo for the week ended May 10, 1902, the following steamship was inspected: May 7, the steamship *Spartan Prince*, of the Prince Line, bound with passengers and cargo for New York. There were inspected and passed 435 steerage passengers and 207 pieces of large baggage; 750 pieces of baggage were disinfected by steam.

Respectfully,

J. M. EAGER,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

NAPLES, ITALY. May 19, 1902.

SIR: I have the honor to report that for the week ended May 17, 1902, the following ships were inspected at Naples:

May 12, the steamship *Neckar*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 2,398 steerage passengers and 420 pieces of large baggage; 3,200 pieces of baggage were disinfected by steam.

May 13, the steamship *Palatia*, of the Hamburg American Line, bound with passengers and cargo for New York. There were inspected and passed 1,799 steerage passengers and 218 pieces of large baggage; 2,200 pieces of baggage were disinfected by steam.

May 14, the steamship *Citta di Milano*, of the Veloce Line, bound with passengers and cargo for New York. There were inspected and passed 1,357 steerage passengers and 250 pieces of large baggage; 1,400 pieces of baggage were disinfected by steam.

May 14, the steamship *Bolivia*, of the Anchor Line, bound with passengers and cargo for New York. There were inspected and passed

1,119 steerage passengers and 150 pieces of large baggage ; 1,200 pieces of baggage were disinfected by steam.

May 15, the steamship *Hohenzollern*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 642 steerage passengers and 120 pieces of large baggage ; 850 pieces of baggage were disinfected by steam.

May 16, the steamship *Equita*, of the Zini Line, bound with passengers and cargo for New York. There were inspected and passed 405 steerage passengers and 36 pieces of large baggage ; 800 pieces of baggage were disinfected by steam.

May 17, the steamship *Marco Minghetti*, of the Italian General Navigation Company, bound with passengers and cargo for New York. There were inspected and passed 762 steerage passengers and 102 pieces of large baggage ; 900 pieces of baggage were disinfected by steam.

Smallpox at Naples.

During the week ended May 17, 1902, there were officially reported at Naples 5 cases of smallpox with no deaths. There are several centers of emigration in the south of Italy, where smallpox is prevalent.

Respectfully,

J. M. EAGER,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Sterilization of salads.

NAPLES, ITALY, May 16, 1902.

SIR : I have the honor to submit the following report :

The sterilization of salads.

The news reports to the effect that the recent outbreak of the Asiatic cholera at Manila was due to an importation of germs on fresh vegetables brought from Hongkong has given rise to a discussion in Italian medical journals as to the appropriate methods for the sterilization of crude greens. The subject is of especial interest in Italy, where salads form one of the staples of diet. In times of epidemics the question has a bearing on maritime hygiene. Large quantities of salad plants, lettuce, congeners of the cabbage, fennel, and other greens, are usually carried on board ship by emigrants leaving Italy. During the cholera epidemic in 1893, all such articles were prohibited and their exclusion was made a condition to granting the United States consular bill of health. Heat is, of course, inapplicable to the sterilization of fresh food stuffs, inasmuch as their virtues as articles of diet depend largely on their being eaten raw. Popular opinion naturally tends to the view that any hygienic measures applied to salad vegetables should be on the principle of asepsis rather than antiseptis. While the palatability of fresh greens might not be affected by suitable chemical treatment, it is easily understood that the impression produced by the antisepticizing would not be conducive to good cheer. Yet one experimenter, G. Ceresole, writing in the *Policlinico*, recommends the use of tartaric acid. He states that a sample of salad infected experimentally with a culture of the cholera spirillum was sterilized in five minutes by a 2 per cent watery solution of tartaric acid. To avert danger from the consumption of crude greens it is sufficient to immerse them for half

an hour in a 3 per cent solution of tartaric acid. It is asserted that salads so treated and afterwards washed with water are absolutely non-toxic and that their gastronomic qualities are unaffected by the process. It is recorded that the bacilli of pest and of diphtheria are killed in five minutes by a 5 per cent solution of tartaric acid.

The recent studies of Wurtz and Bourger are in point. In these inquiries it was demonstrated that the use of washings of cesspools for manuring truck gardens is perilous to health. Pathogenic organisms thus deposited on vegetables are capable of retaining their virulence for long periods. In France, an official inquiry has been made into this matter and a hygienic commission has confirmed the conclusions of Wurtz and Bourges. The commission was composed of Brouardel, Roux, Wurtz, and Ogier.

Respectfully,

J. M. EAGER,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

MADAGASCAR.

Plague at Majunga.

WASHINGTON, D. C., May 28, 1902.

SIR: I have the honor to inform you that the Department is in receipt of a telegram from the consul of the United States at Tamatave, Madagascar, which reads as follows: "Plague Majunga."

Respectfully,

JOHN HAY,
Secretary of State.

Hon. SECRETARY OF THE TREASURY.

MEXICO.

Report from Tampico.

TAMPICO, MEXICO, May 23, 1902.

SIR: I have the honor to report herewith the number and causes of death which occurred in this city for the seventeen days ended May 17, 1902. Malarial fevers (including pernicioso), 11; typhoid fever, 1; tuberculosis (pulmonary and intestinal), 5; puerperal fever, 1; gastro-intestinal fever, 9; pulmonary, 6; cardio-vascular, 2; scorbutus, 1; senility, 2; infantile debility, 1; traumatism, 2. Total, 41.

This information is obtained from the official records, and, as will be noted, no diseases of a quarantinable nature have been reported.

Hereafter I shall report information of the above character to the Bureau every week.

Respectfully,

JOS. GOLDBERGER,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

A case of yellow fever at Tampico—Imported.

TAMPICO, MEXICO, June 2, 1902.

One yellow fever arrived from Vera Cruz.

GOLDBERGER.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

PHILIPPINE ISLANDS.

Increase of cholera in Manila and spread to provincial towns.

MANILA, P. I., April 19, 1902.

SIR: Continuing report on cholera in Manila and other places in the Philippine Islands, submitted on the 30th ultimo. I have the honor to state that the prediction made in former communication relative to "stamping out" the epidemic unfortunately has not been verified, although the disease has been kept well in control notwithstanding the numerous difficulties encountered in fighting contagious diseases among a prejudiced and ignorant population.

The disease has been almost exclusively among the natives, although 16 Chinese, 7 Americans, and 5 Europeans have contracted the disease.

The cordon formed by native constabulary has not proved thoroughly effective and some of the towns near Manila have become infected by the escape of people from this city.

Orion, a town on Manila Bay, has had a number of cases and was infected by the escape of people from Manila in bancas.

Hagonoy, another town on Manila Bay, is badly infected, the disease being introduced from Manila. In fact, most of the towns on the bay have had cases of cholera, the infection being introduced by small boats and bancas that escaped from Manila soon after the appearance of the epidemic. This office has assumed no jurisdiction over this class of small boats, and as there are hundreds of them, some escaped the vigilance of the board of health.

Another bad center of infection is Nueva Caceres in the Camarines, southern portion of the island of Luzon. The disease was introduced by a boat which left Manila about the time the epidemic appeared and quarantine of all island boats was instituted. The disease gained an entrance into the other places in the Camarines from Nueva Caceres. Except those places and the towns bordering on or adjacent to Manila Bay, the provinces have so far escaped. However, a few cases have occurred in the towns on the Pasig River.

The cases reported from Mariveles occurred at the station and were not in the adjacent town.

The cascos and lorchas in the river and bay early became infected and a number of cases have occurred on this class of boats. When cholera began to increase on these boats they were ordered out of the river by the board of health, and must remain in the bay during the night, being inspected before being allowed to enter in the morning for the purpose of loading or discharging cargo. This has proved a wise procedure, and the spread of the disease among these boats has been materially checked.

The provincial towns infected with cholera have suffered more severely than Manila in proportion to population, as will be readily noticed by examination of the statistics for the badly infected centers. This is no doubt due to the fact that the provincial boards of health did not have the requisite number of inspectors or disinfectants and other means for promptly dealing with the epidemic.

During the past few days the disease has slowly increased in Manila and a further increase is expected.

That the quarantine of island boats for five days before being allowed to sail for United States and island ports was a wise regulation has been demonstrated by cholera having developed on 7 boats held in quarantine, and none on any boats that have been dispatched during the past four weeks. All baggage on these boats is disinfected as soon as the boat goes into quarantine and then the vessel is held five days. Cholera

has developed on 2 on the fourth day of their quarantine, but the other cases developed on the second and third day.

I inclose tabulated reports showing the daily progress of the epidemic in Manila, and the number of cases that have occurred in the provincial ports to date.

Respectfully,

J. C. PERRY,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for the Philippine Islands.

[Inclosures.]

Cholera report of Manila for period from March 30 to April 18, 1902, inclusive.

Date.	Number of cases.					Total.	
	Filipinos.	Chinese.	Americans.	Europeans.	Others.	Cases.	Deaths.
March 30.....	8					8	7
March 31.....	6			1		7	6
April 1.....	15					15	14
April 2.....	3	1				4	4
April 3.....	15					15	6
April 4.....	12	3				15	9
April 5.....	8			1		9	3
April 6.....	11		1			12	16
April 7.....	8	1				9	6
April 8.....	12	1				13	6
April 9.....	10	1				11	10
April 10.....	10	1	2			13	14
April 11.....	10		1			11	4
April 12.....	13	2				15	14
April 13.....	14					14	20
April 14.....	19	1	1			21	12
April 15.....	10	1				11	10
April 16.....	18	1	1			20	10
April 17.....	22	3				25	16
April 18.....	23	3	1	3		30	21
Total.....	247	19	7	5		278	208

Daily provincial cholera report—Number of cases and deaths at last report, 8 a. m., April 18, 1902.

Place.	Province.	Cases.	Deaths.	Mortality.
Malolos.....	Bulacan.....	3	3	100.00
Pulilan.....	do.....	1	1	100.00
Haganoy.....	do.....	174	73	70.19
Bulacan.....	do.....	10	7	70.00
Guiguinto.....	do.....	4	4	100.00
Bigaa.....	do.....	1	1	100.00
Balanga.....	Bataan.....	12	8	66.67
Orion.....	do.....	210	140	66.67
Lamy.....	do.....	16	15	93.75
Mariveles (a).....	do.....	3	3	100.00
San Felipe.....	Rizal.....	7	3	42.86
Novatas.....	do.....	31	24	77.42
Malabon.....	do.....	4	2	50.00
Mariquina (a).....	do.....	1	1	100.00
Pasig.....	do.....	4	4	100.00
Nueva Caceres.....	Camarines.....	135	76	57.04
Libmanan.....	do.....	52	28	53.85
Milaor.....	do.....	11	5	45.45
Nabau.....	do.....	2	2	100.00
Bombon.....	do.....	3	1	33.33
Calabanga.....	do.....	1	1	100.00
Macabebe.....	Pampanga.....	16	11	68.75
Bacalor.....	do.....	3	3	100.00
Guagua.....	do.....	1	1	100.00
Sexmoan.....	do.....	8	5	62.50
Calamba (a).....	Laguna.....	1	1	100.00
Bacoar (a).....	Cavite.....	1	1	100.00
Cavite (a).....	do.....	1	1	100.00
Corregidor (a).....	do.....	1	1	100.00
Nalc (a).....	do.....	2	2	100.00
Laong (a).....	Ilocos Norte.....	1	1	100.00
Total.....		651	430	(b)

a Towns in which the disease has been suppressed.

b Average mortality, 66.05.

PORTO RICO.

Reports from Ponce.

PONCE, P. R., May 19, 1902.

SIR: Through the chief quarantine officer for Porto Rico, I have the honor to transmit herewith the quarantine and abstract of bills of health reports for the week ended May 17, 1902. Also the report of the deaths in this city during the month of April, 1902. On the 17th. the French steamship *St Domingue* arrived from Port au Prince, Jeremie. Les Cayes, Jacmel, Santo Domingo, and Mayaguez. She was held in quarantine, but allowed to land passengers after disinfection of their baggage. Twenty-two pieces and 1 sack of mail were disinfected. The vessel sailed on the same day for St. Thomas. The board of health reports 2 new cases of smallpox and 13 recoveries during the past week. Besides the above vessel held in quarantine, there were 3 vessels inspected and passed, and 4 bills of health issued.

Respectfully,

W. W. KING,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure.]

Mortality statistics—Number and causes of deaths in Ponce jurisdiction (city, playa, and surrounding country) during the month of April, 1902.

PONCE, P. R., May 15, 1902.

Diseases of—			
Digestive system	24	Cancer	1
Respiratory system.....	12	Puerperal fever.....	2
Circulatory system	3	Electric shock.....	1
Nervous system.....	6	Suicidal	1
Anemia, malnutrition, inanition.....	8		
Malaria	9	Total.....	96
Tuberculosis.....	8		

Number of deaths reported during April, 1902 (a).....	75
Number of deaths reported during April, 1901 (a).....	145
Number of births reported during April, 1902 (a).....	100
Number of births reported during April, 1901 (a).....	69

^a These figures are for the city proper, the playa, and surrounding district of Ponce, P. R.

Inspection of immigrants at Ponce for the week ended May 17, 1902.

PONCE, P. R., May 19, 1902.

SIR: Through the chief quarantine officer for Porto Rico, I submit herewith report of alien steerage passengers arriving at this port during the week ended May 17, 1902. May 17, French steamship *St. Domingue*, from Port au Prince, Jeremie, Les Cayes, Jacmel, Santo Domingo, and Mayaguez, P. R., with 5 immigrants.

Respectfully,

W. W. KING,
Assistant Surgeon, U. S. M. H. S.

The SURGEON GENERAL,
U. S. Marine-Hospital Service.

Inspection of immigrants at San Juan for the week ended May 17, 1902.

SAN JUAN, P. R., May 21, 1902.

SIR: I submit herewith report of alien steerage passengers arriving during the week ended May 17, 1902, at the subports of Porto Rico.

May 16, French steamship *St. Domingue*, from Haitian and Dominican ports, with 7 immigrants. Other subports, no transactions.

Respectfully,

H. S. MATHEWSON,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for Porto Rico.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

SPAIN.

Smallpox in Cartagena decreasing.

CARTAGENA, SPAIN, May 9, 1902.

SIR: Referring to my dispatch, No. 17, of the 15th ultimo, announcing an outbreak of smallpox in this city, I have the honor to inform you that very few new cases are reported now, and that the disease will probably disappear shortly.

It has not been of a malignant character and the death rate has been very slightly effected by it.

In the absence of statistics I estimate that probably 10,000 persons have been vaccinated in this city during the last six weeks, and the vaccinations now practiced daily are largely in excess of the birth rate.

Respectfully,

JOSEPH BOWRON,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

Foreign and insular statistical reports of countries and cities—Yearly and monthly.

DUTCH GUIANA—*Paramaribo*.—Month of April, 1902. Estimated population, 31,626. Total number of deaths, 95, including 1 from yellow fever.

GERMANY—*Weimar*.—Month of April, 1902. Estimated population, 29,116. Total number of deaths, 42. No contagious diseases reported.

JAMAICA—*Port Antonio*.—Two weeks ended May 17, 1902. Estimated population, not reported. Total number of deaths, 5. No contagious diseases.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended May 10, 1902, correspond to an annual rate of 17.2 per 1,000 of the aggregate population, which is estimated at 14,862,909.

London.—One thousand four hundred and fifty-six deaths were registered during the week, including measles, 45; scarlet fever, 13; diphtheria, 30; whooping cough, 45; enteric fever, 5; smallpox, 44, and diarrhea and dysentery, 18. The deaths from all causes correspond to an annual rate of 16.6 per 1,000. In Greater London 1,987 deaths were registered. In the "outer ring" the deaths included 4 from diphtheria, 3 from measles, 2 from scarlet fever, 17 from smallpox, and 8 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended May 10, 1902, in the 21 principal

town districts of Ireland was 22.9 per 1,000 of the population, which is estimated at 1,092,322. The lowest rate was recorded in Newry, viz, 8.3, and the highest in Tralee, viz, 58.5 per 1,000. In Dublin and suburbs 173 deaths were registered, including diphtheria, 2; measles, 6; enteric fever, 2, and 32 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended May 10, 1902, correspond to an annual rate of 18.1 per 1,000 of the population, which is estimated at 1,679,923. The lowest mortality was recorded in Leith, viz, 9.9, and the highest in Paisley, viz, 21.1 per 1,000. The aggregate number of deaths registered from all causes was 586, including diphtheria, 3; measles, 9; scarlet fever, 4, and 16 from whooping cough.

JAPAN—Formosa.—Month of January, 1902. Estimated population, 2,797,543. Total number of deaths not reported. One death from enteric fever and 141 deaths from plague reported.

Nagasaki.—Ten days ended April 30, 1902. Estimated population, 131,700. Number of deaths not reported. Three deaths from enteric fever reported.

PHILIPPINE ISLANDS—Manila.—Month of February, 1902. Estimated population, 302,154. Total number of deaths, 711, including diphtheria, 1; enteric fever, 1; plague, 1, and 55 from tuberculosis.

ST. HELENA.—Two weeks ended April 19, 1902. Estimated population, including Boer prisoners and guards, 12,000. Total number of deaths, 15, including 1 from enteric fever.

SPAIN—Barcelona.—Two weeks ended May 15, 1902. Estimated population, 672,000. Total number of deaths not reported. Five deaths from enteric fever and 2 deaths from smallpox reported.

Cadiz.—Month of April, 1902. Estimated population, 70,177. Total number of deaths, 236, including enteric fever, 5; measles, 10; whooping cough, 1, and 28 from tuberculosis.

Malaga.—Month of April, 1902. Estimated population, 133,000. Total number of deaths, 434, including enteric fever, 9, and 10 from smallpox.

Cholera, yellow fever, plague, and smallpox, December 27, 1901, to June 6, 1902.

Reports received by the Surgeon-General United States Marine-Hospital Service from United States consuls through the Department of State and other sources.]

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Canton	Feb. 24-Apr. 5	13	12	
Fatehan	Mar. 22			Raging.
Honan	Apr. 10			Epidemic.
Hongkong	Mar. 6	1		
Seungshan	Mar. 4-Apr. 19	121	107	
Sheshing	Mar. 19			Spreading.
Tung Mun	Mar. 29			Reported.
India:				Do.
Bombay	Nov. 28-Apr. 22		57	
Calcutta	Nov. 24-Apr. 26		1,658	
Madras	Nov. 16-Mar. 14		98	
Java:				
Batavia	Nov. 17-Dec. 14	48	27	
Soerabaya	Feb. 23-Mar. 8	18	16	
Philippine Islands:				
Manila	Mar. 20-Apr. 18	278	208	
Bataan Province	Mar. 30-Apr. 18	241	166	
Bulacan Province	do	123	89	
Camarines Province	do	204	113	
Cavite Province	do	5	5	
Ilocos Norte Province	do	1	1	
Laguna Province	do	1	1	
Pampanga Province	Mar. 30-Apr. 18	29	20	
Rizal Province	do	47	34	
Straits Settlements:				
Singapore	Oct. 1-Apr. 12		143	
Turkey:				
Djiddah	Feb. 19-Apr. 7	3,000	1,439	Estimated.
Mecca	do		854	
Medina	Mar. 6-Mar. 27		381	Among pilgrims.
Rebuk	To Mar. 27		1	
Tor	To Apr. 7	42	25	

YELLOW FEVER.

Brazil:				
Bahia	Dec. 1-Dec. 7	1	1	
Pernambuco	Mar. 16-Mar. 31		1	
Rio de Janeiro	Nov. 11-Apr. 20		370	
British West Indies:				
Barbados	Dec. 13			Prevalent.
Colombia:				
Panama	Apr. 22-May 12	8	6	
Costa Rica:				
Port Limon	Apr. 16	3	1	Imported.
	May 1-May 7	2		
Dutch Guiana:				
Paramaribo	Dec. 1-Mar. 31	34	22	
Dutch West Indies:				
Curaçao	Feb. 2-Feb. 8	1	1	
French Guiana:				
Cayenne	Mar. 27	32	21	
Jamaica:				
Port Royal	Feb. 9-Mar. 1	4	1	
Mexico:				
City of Mexico	Apr. 12-Apr. 18		1	Do.
Tampico	June 2	1		
Vera Cruz	Dec. 15-May 17	133	82	
Venezuela:				
Puerto Cabello	Feb. 9-Feb. 15	1	1	

Cholera, yellow fever, etc.—Continued.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Africa:				
Lourenço Marquez.....	Jan. 1-Jan. 31	1	Reported.
Mossel Bay, Cape Colony....	Dec. 6.....	
Zanzibar, Nairobi.....	Mar. 20.....	20	5	
Australia:				
Brisbane.....	Dec. 1-Dec. 31	1	Do.
Newcastle.....	Mar. 21.....	
Sydney.....	Nov. 14, 1901- Apr. 22, 1902.	104	1	
Brazil:				
Pernambuco.....	Mar. 16-Apr. 18	53	
Rio de Janeiro.....	Nov. 11-Mar. 2	108	
China:				
Canton.....	May 16.....	Epidemic.
East Honam.....	May 1.....	Do.
Hongkong.....	Dec. 8-Apr. 19	17	15	Do.
Kityang.....	May 16.....	
Pakhoi.....	Apr. 25.....	Do.
Shuitung.....	Feb. 16.....	100	Declared.
Taileung.....	May 16.....	Epidemic.
Tsang Shing.....	To Mar. 9.....	20	Epidemic in vicinity.
Yeungkong, Kwangtung.....	Apr. 12.....	
Egypt:				
Aboussir.....	Apr. 7, 1901-Apr. 30, 1902	8	2	
Alexandria.....	do.....	56	28	
Benha.....	do.....	14	7	
Dechneh.....	do.....	50	34	
Kafr Enon.....	do.....	1	1	
Kafr Rabieh.....	do.....	6	4	
Kom-el-Nour.....	do.....	27	8	
Korachieh.....	do.....	2	1	
Mansourah.....	do.....	1	1	
Minieh.....	do.....	12	4	
Mit-Gamr.....	do.....	30	14	
Nahtal.....	do.....	6	4	
Port Said.....	do.....	26	16	
Tantah.....	do.....	102	82	
Zagazig.....	do.....	77	32	
Zifiah.....	do.....	14	12	
Formosa:	Oct. 1-Mar. 31	623	454	
France:				
Marseille.....	Dec. 1.....	1	On ss. Pehlo, from Batoum.
Hawaiian Islands:				
Honolulu.....	Dec. 11-May 13	24	
Kauai, Eleele.....	Jan. 23-Jan. 24	2	
India:				
Bombay Presidency and Sind:				
Northern Division—				
Ahmedabad City.....	Nov. 17-Apr. 12	8	7	
Bombay City.....	do.....	12,023	9,636	
Broach District.....	do.....	2,888	1,886	
Kaira District.....	do.....	6,929	4,676	
Surat District and Town.....	do.....	1,997	1,517	
Thana District.....	do.....	700	607	
Central Division—				
Ahmednagar District.....	do.....	48	38	
Khandesh District.....	do.....	10,790	8,328	
Nasik District.....	do.....	1,434	1,062	
Poonah District and City.....	do.....	5,746	4,816	
Satara District.....	do.....	22,211	16,425	
Sholapur District and Town.....	do.....	2,321	1,429	
Southern Division—				
Belgaum District.....	do.....	18,174	13,894	
Dharwar District.....	do.....	16,485	12,139	
Hyderabad Town and District.....	do.....	1,175	970	
Hubli Town.....	do.....	299	209	
Kanara District.....	do.....	384	220	
Kolaba District.....	do.....	304	357	
Ratnagiri District.....	do.....	580	
Karachi City and District.....	do.....	1,551	1,329	
Political Charges—				
Aundh State.....	do.....	576	347	
Baroda State.....	do.....	3,383	2,364	
Cutch State.....	do.....	915	763	
Kathiawar State.....	do.....	231	169	

Cholera, yellow fever, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Bombay Presidency and Sind—Continued.				
Political Charges—Conf'd.				
Kolhapur and Southern				
Mahratta Country.....	Nov. 17-Apr. 12	14,859	10,501	
Sachin State.....do.....	166	114	
Savanur State.....do.....	661	527	
Outside Bombay Presidency and Sind:				
Madras Presidency.....do.....	7,421	6,268	
Bengal—				
Bhagalpur.....do.....	560	496	
Burdwan Division.....do.....	138	108	
Calcutta.....do.....	4,756	4,327	
Chota Nagpur Division.....do.....	581	484	
Orissa.....do.....	3	3	
Patna.....do.....	14,637	3,461	
Northwest Province and Oudh:				
Allahabad Division.....do.....	9,037	8,689	
Benares Division.....do.....	7,795	7,680	
Punjab:				
Delhi Division.....do.....	79,901	66,643	
Jullunder Division.....do.....	40,670	23,545	
Lahore Division.....do.....	30,375	8,078	
Rawalpindi Division.....do.....	24,795	16,037	
Mysore State:				
Bangalore City, District, and Military Station.do.....	5,019	3,841	
Chitaldrug District.....do.....	646	695	
Kadur District.....do.....	415	286	
Kolar District and Gold Fields.do.....	191	146	
Mysore City and District.....do.....	3,592	2,754	
Shimoga District.....do.....	645	462	
Tumkur District.....do.....	65	52	
Hyderabad State.....do.....	1,767	1,374	
Kashmir:				
Jammu Province.....do.....	8,826	5,149	
Japan:				
Nagasaki.....	Mar. 13.....	1	Reported on ss. Taichu Maru from Formosa.
Madagascar:				
Majunga.....	May 28.....	Present.
Mauritius.....	Nov. 29-Apr. 10	256	151	
Philippine Islands:				
Manila.....	Dec. 1-Dec. 14	5	5	
	Feb. 9-Feb. 22	2	2	
Russia:				
Batoum.....	Jan. 8.....	1	1	
Syria:				
Beirut.....	Jan. 5-Jan. 11	1	1	
Turkey:				
Bagdad.....	Jan. 16-Jan. 23	6	4	

SMALLPOX.

Argentina:				
Buenos Ayres.....	Oct. 1-Dec. 31	185	
Austria-Hungary:				
Budapest.....	Jan. 15-Jan. 21	11	
Prague.....	Dec. 1-May 3	161	
Barbados.....	Mar. 31-Apr. 5	15	1	
Belgium:				
Antwerp.....	Dec. 10-May 10	164	39	
Ghent.....	Dec. 8-May 3	28	
Liege.....	Mar. 9-May 3	2	
Brazil:				
Bahia.....	Jan. 12-Jan. 25	2	1	
Ceara.....	Dec. 1-Dec. 31	1	
Rio de Janeiro.....	Nov. 11-Apr. 20	480	
Pernambuco.....	Nov. 1-Apr. 15	463	
British Columbia:				
Vancouver.....	Apr. 1-Apr. 30	5	
Victoria.....	Jan. 5-Jan. 11	1	
Canada:				
Belleville.....	Apr. 1-Apr. 12	20	1	
Hamilton.....	Mar. 1-May 3	3	
Quebec.....	Dec. 15-May 24	571	11	

Cholera, yellow fever, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Hongkong	Feb. 2-Apr. 19	40	36	One from Swatow on ss. Pelus, and 1 from Straits Settlements on ss. Honey Bee.
Colombia:				
Cartagena.....	Nov. 25-Apr. 27		37	
Panama.....	Dec. 17-May 12	80	40	
Cuba:				
Ciego de Avila, Puerto Principe.....	Jan. 12.....	1		From Canada.
Guantanamo.....	Feb. 18.....	1		
Havana.....	May 7.....	1		On ss. Alfonso XII.
Ecuador:				
Guayaquil.....	Sept. 28-Dec. 7		30	
Egypt:				
Cairo	Apr. 2-Apr. 8		1	
England:				
Birmingham.....	Feb. 16-May 17	20	1	
Bradford.....	Apr. 18-May 3	1		
Bristol.....	Jan. 5-Jan. 11	1		
Leeds.....	Mar. 9-May 3	6	2	
Liverpool.....	Dec. 15-May 17	115	4	
London.....	Dec. 28-May 17	6,958	1,068	Twenty-two imported.
Manchester.....	Feb. 16-Feb. 22	1		
Newcastle-on-Tyne.....	Dec. 22-May 17	8	1	
North and South Shields.....	Jan. 19-May 17	59	2	
Plymouth.....	Feb. 9-Apr. 12	3	1	
Sheffield.....	Dec. 22-Mar. 22	9		
Southampton.....	Feb. 16-Apr. 26	5		
Sunderland.....	Apr. 28-May 3	2		
Swansea.....	Feb. 22-Mar. 1	1		
Tottenham.....	Feb. 22-Mar. 1		1	
West Ham.....	Feb. 22-Mar. 1		7	
Formosa:				
Tamsui.....	Oct. 1-Jan. 31	22		
France:				
Lyons.....	Dec. 1-Dec. 7		1	
Marseille.....	Dec. 1-Apr. 30		11	
Nantes.....	do.....	5		
Nice.....	Nov. 1-Dec. 31		26	
Paris.....	Dec. 8-May 17		84	
Rheims.....	Jan. 6-May 4	79	24	
Roubaix.....	Feb. 22-Feb. 28		1	
St. Etienne.....	Feb. 14-Feb. 28	1		
Gibraltar.....	Jan. 20-Apr. 20	6		
Greece:				
Athens.....	Jan. 5-Apr. 12	2		
Hawaiian Islands:				
Honolulu.....	Apr. 9.....	1		On transport Sheridan.
India:				
Bombay.....	Dec. 18-Apr. 22		113	
Calcutta.....	Dec. 1-Apr. 26		87	
Karachi.....	Nov. 25-Apr. 20	166	45	
Madras.....	Nov. 16-Apr. 25		33	
Ireland:				
Dublin.....	Feb. 9-Apr. 19	4		
Italy:				
Caserta.....	Mar. 24.....			Many cases.
Milan.....	Nov. 1-Mar. 31	17	8	
Naples.....	Dec. 1-May 17	290	21	
Palermo.....	Dec. 29-May 10	144	44	
Rome.....	Dec. 15-Mar. 29		6	
Santa Maria Capuavetere.....	Mar. 24.....			Do.
Jamaica:				
Kingston.....	Dec. 22-Dec. 28	1		From Colon.
Port Antonio.....	Jan. 5-Mar. 1	3		
Japan:				
Nagasaki.....	Dec. 11-May 30	2		
Liberia:				
Monrovia.....	Dec. 8-Dec. 14		1	
Malta:				
Valetta.....	Dec. 11-Feb. 15	12		
Manitoba:				
Winnipeg.....	Dec. 8-May 17	80	2	
Mexico:				
City of Mexico.....	Dec. 9-May 18	108	49	
Vera Cruz.....	Mar. 16-May 17	28	13	
New Brunswick:				
Lynnfield.....	Jan. 18.....	1		
Moncton.....	do.....	1		

Cholera, yellow fever, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
New Brunswick—Continued.				
St. John	Oct. 20-Jan. 18	108	23	
Welsford	Jan. 18.....	1		
Nova Scotia:				
Dartmouth.....	Mar. 29.....	5		
Halifax	Sept. 23-May 17	46	6	
Windsor	Dec. 15-Jan. 25	1		
Philippine Islands:				
Manila	Feb. 9-Mar. 1	8	5	
Porto Rico:				
Arecibo.....	Mar. 8-May 3	136		
Caguas	Apr. 18-May 3	36		
Camuy	do.....	56		
Ciales.....	Mar. 8-May 3	6		
Fajardo	do.....	1		
Hatillos.....	Apr. 18-May 3	7		
Humacao.....	Mar. 8-May 3	1		
Ponce	To May 3	63		
San Juan.....	Feb. 1-May 17	62		
Utundo.....	Apr. 18-May 3	48		
Russia:				
Moscow	Nov. 24-May 10	260	85	
Odessa	Dec. 1-May 10	101	24	
Riga.....	Jan. 25-Jan. 31		5	
St. Petersburg.....	Dec. 1-May 3	160	37	
Warsaw	Nov. 24-Apr. 12		12	
Scotland:				
Dundee.....	Jan. 12-May 3	27		
Edinburgh.....	Feb. 16-Apr. 12	3		
Glasgow.....	Dec. 28-May 23	276	52	
Spain:				
Cartagena.....	Apr. 15.....			Epidemic.
Corunna	Dec. 1-Apr. 26		8	
Malaga	Nov. 1-Jan. 31		62	
Valencia	Jan. 1-Feb. 28	415	74	
Straits Settlements:				
Singapore.....	Oct. 1-Apr. 12		8	
Switzerland:				
Geneva	Mar. 9-Apr. 19	3		
Turkey:				
Smayna	Mar. 10-May 4		3	
Uruguay:				
Montevideo.....	Oct. 26-Apr. 22	1,024	75	
Wales:				
Cardiff	Feb. 2-Feb. 8	1		

Weekly mortality table, foreign and insular cities.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Aix la Chapelle.....	Apr. 26	138,544	39	5								
Alexandretta.....	May 3	9,000	6									
Amherstburg.....	May 17	2,250										
Do.....	May 24	2,250										
Athens.....	May 10	200,000		8							1	1
Barmen.....	May 3	143,500	40	5							3	1
Barranquilla.....	May 11	40,000	34									
Beirut.....	May 3	80,000	22									
Belfast.....	May 10	358,693	149							4		2
Belize.....	May 22	9,000	2									
Belleville.....	May 19	9,953	2									
Bergen.....	May 10	78,000	15	2								
Berlin.....	May 3	1,890,107	573	86						3	2	5
Bremen.....	Apr. 19	182,000	62	11							2	6
Do.....	Apr. 26	182,000	75	12						1	1	2
Do.....	May 3	182,000	54	8							3	1
Do.....	May 10	182,000	66	7							3	2
Bristol.....	do.....	334,632	93									
Brussels.....	do.....	582,665	171									
Cairo.....	Apr. 29	608,910	417	25				4	9		3	2
Calcutta.....	Apr. 26	847,796	1,102	577	146			6				
Cardiff.....	Feb. 15	168,909	47	5							1	
Do.....	Feb. 22	168,909	66	4							1	3
Do.....	Mar. 1	168,909	68	6							1	5
Do.....	Mar. 8	168,909	53	2							1	2
Do.....	Mar. 15	168,909	62	5							2	
Do.....	Mar. 22	168,909	38	4								2
Do.....	Mar. 29	168,909	52	2							1	3
Do.....	Apr. 5	168,909	49	4								
Do.....	Apr. 12	168,909	56	3							1	
Do.....	Apr. 19	168,909	53	5						1	1	
Do.....	Apr. 26	168,909	50	3							2	
Cartagena.....	May 11	8,000	6									
Catania.....	May 16	151,180	64	1					2		2	
Christiania.....	May 10	229,000	60									
Coburg.....	May 3	21,843	9	3								
Cologne.....	do.....	383,888	108	13						1	3	
Do.....	May 10	383,888	156	18							4	
Colombo.....	Apr. 12	158,093	78						1			
Colon.....	May 18	8,000	7									
Copenhagen.....	May 3	500,000		3							2	1
Corunna.....	May 10	44,000	23	3							1	
Crefeld.....	May 3	106,887	31									2
Curaçao.....	May 10	31,013	0									
Dresden.....	Apr. 26	412,200	113	23							1	
Do.....	May 3	403,900	137	16							1	
Dublin.....	May 10	319,003	173	32						2	2	6
Dundee.....	do.....	162,078	54									
Dusseldorf.....	May 3	224,550	63								2	
Do.....	May 10	224,550	60								3	1
Edinburgh.....	do.....	322,966	106									2
Flushing.....	May 17	19,227	6									
Frankfort-on-the-Main.....	May 3	297,800	94									
Funchal.....	May 11	44,049	31	5								
Geneva.....	May 3	107,484	31									
Girgenti.....	May 10	25,069	11								3	
Glasgow.....	May 16	760,023	290								2	3
Gothenburg.....	May 10	131,022	37	11								3
Hamburg.....	do.....	724,835	233									
Hamilton, Bermuda.....	do.....	16,113	2							1	5	6
Havre.....	do.....	130,196	55	14								
Do.....	May 10	130,196	61	13						1		
La Rochelle.....	Apr. 14	31,553	14							2		1
Do.....	Apr. 21	31,553	14									
Do.....	Apr. 28	31,553	7									
Do.....	May 5	31,553	10									
Do.....	May 12	31,553	13							1		
Lausanne.....	May 3	48,494	19									
Leipzig.....	do.....	478,903	135									
Leith.....	May 10	78,605	15	2							1	4
Licata.....	do.....	24,000	7									
Liege.....	May 3	173,289	36					1	2			
Do.....	May 10	173,289	40									
London.....	do.....	6,705,731	1987					78	10	15	43	49
Madras.....	Apr. 25	509,346	374					1				10

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Magdeburg.....	Mar. 15	228,304	67	10							1	1	1	
Manchester.....	May 10	550,355	200	23						2	1	1	3	4
Mannheim.....	May 3	146,500	48											
Mazatlan.....	May 10	20,000	21											
Messina.....	do.	107,000	27	1										
Moscow.....	May 3	1,000,000	633	15					4	5	8	8	22	
Munich.....	Apr. 26	506,000	216	49								1		1
Do.....	May 3	506,000	220	43									1	
Newcastle-on-Tyne.....	May 10	219,021	84								1		2	3
Nuremberg.....	Apr. 26	268,190	116	22								1		1
Do.....	May 3	268,190	108	14							1			4
Palermo.....	May 10	330,000	122	6				2						
Panama.....	May 19	16,000												
Paris.....	May 3	2,660,559	989					4		7	4	18	10	18
Puerto Cortez.....	May 20	2,000	1											
Quebec.....	May 10	68,000												
Do.....	May 17	68,000												
Rheims.....	May 4	108,385	50	7				1						
Do.....	May 11	108,385	35	3								1	1	
Rome.....	Apr. 12	431,859	229	12						1			28	
St. Georges, Bermuda.....	May 17	2,168												
St. John, New Brunswick.....	May 24	40,711	8											
St. Petersburg.....	May 3	1,248,643	688	93				1		21	8	15	5	7
St. Stephen, New Brunswick.....	May 24	2,840	1											
Santander.....	May 12	53,574	40											
Singapore.....	Apr. 5	97,111	230	9		21		1						
Do.....	Apr. 12	97,111	249	10		27								
Smyrna.....	Apr. 27	300,000	79	12						1		1	1	
Do.....	May 4	300,000	81	13				2		1				
Solingen.....	Apr. 26	15,142	8											
South Shields.....	May 10	103,532	42	1							2			4
Stettin.....	do.	215,267	71									1		
Stockholm.....	Apr. 26	211,000	104	14						1		1		
Do.....	May 3	211,000	94	15								1		
Stuttgart.....	May 8	186,405	65	1				1						
Sunderland.....	May 10	147,983	57	7						1	2			
Trapani.....	do.	61,437	13											
Trieste.....	do.	178,155	98							1		1	5	
Uttala.....	May 3	800												
Do.....	May 10	696	0											
Do.....	May 17	696	2											
Venice.....	Apr. 17	165,350	66	7							1		1	
Do.....	Apr. 26	165,350	53	3						4		1	3	
Do.....	May 3	165,350	52	1						5			1	
Vera Cruz.....	May 17	32,000	62	8			8	5						
Vienna.....	May 10	1,726,604	747	141							11	11	27	8
Winnipeg.....	May 17	45,156						1				6		
Yokohama.....	Apr. 19	189,455								1				
Do.....	May 26	189,455								1				
Zurich.....	May 10	161,782	46										3	

By authority of the Secretary of the Treasury :

WALTER WYMAN,
Surgeon-General U. S. Marine-Hospital Service.